
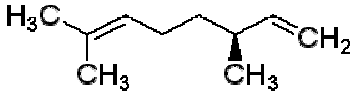
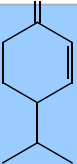
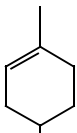
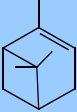
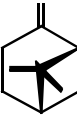
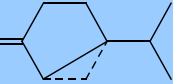
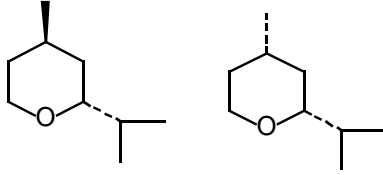
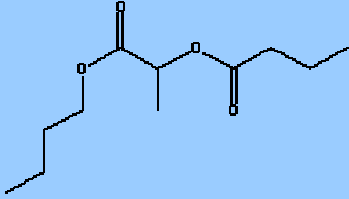
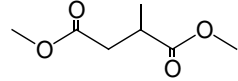
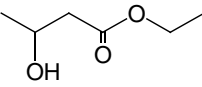
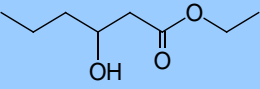
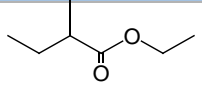
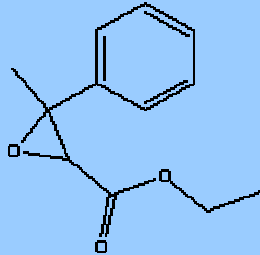
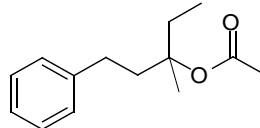
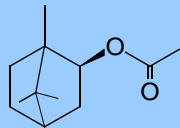
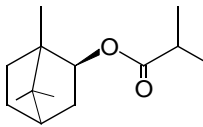
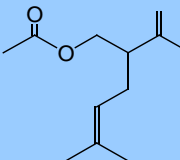
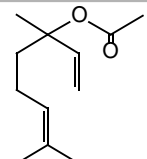
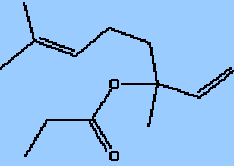
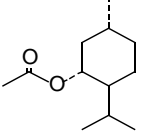
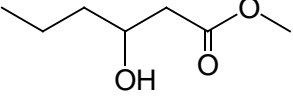
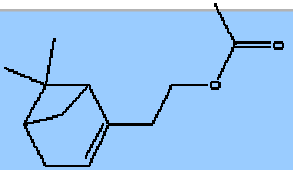
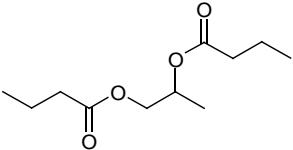
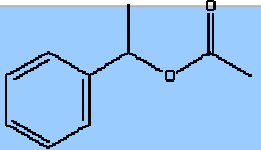
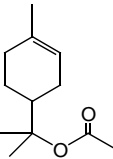
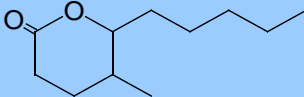
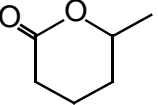
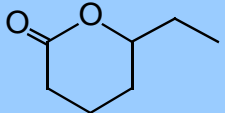
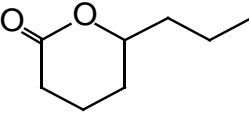
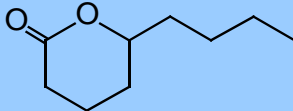
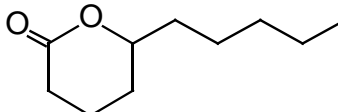


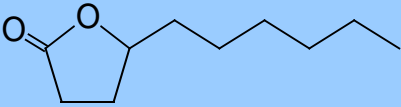
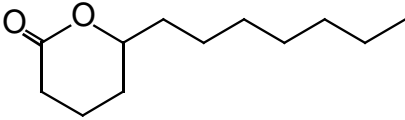
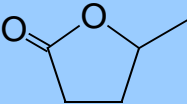
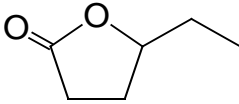
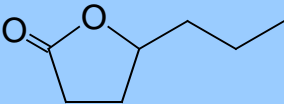
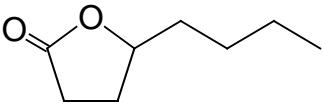
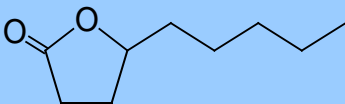
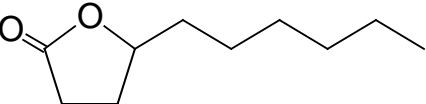
| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|--------------|---|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 蒎烯 |  | 2,2 | 6,8 | / | 4,5 | |
| β -香茅 |  | / | 1,2 | / | 1,8 | |
| β -水芹烯 |  | 3,8 | 6,1 | 0,9 | 3 | |
| 柠檬烯 |  | 5 | 7,4 | / | 3,7 | |
| α -蒎烯 |  | 2,9 | / | 1,2 | 3,5 | |
| β -蒎烯 |  | 3,4 | 3,6 | 1,1 | 1,4 | |
| 桉 |  | 6,5 | 6,2 | / | 7,2 | |

| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|----------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| <i>Heterocycles</i> | | | | | | |
| 玫瑰氧化物 |  | 4,2 | 2 | 1,6 | 2,1 | (2R,4S) cis / (2S,4R) cis |
| | | / | 1,9 | / | / | (2R,4R) trans / (2S,4S) trans |
| <i>Esters</i> | | | | | | |
| 丁基乳酸丁酯 |  | 1,6 | 1,7 | 2,2 | 1,4 | |
| 甲基琥珀酸二甲酯 |  | 2,2 | 1,1 | 4 | 2 | |
| 2-苯基丁酸乙酯 | / | 1 | 2,7 | 1 | 1,1 | |
| 3-羟基丁酸乙酯 |  | 3,2 | / | 6,1 | 1,8 | |
| 3-羟基己酸乙酯 |  | 3 | 1,5 | / | 3,7 | |
| 2-甲基丁酸乙酯 |  | 2,9 | 5,1 | 2,7 | 2,2 | |

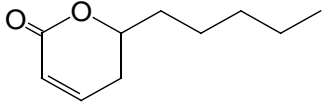
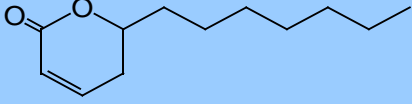
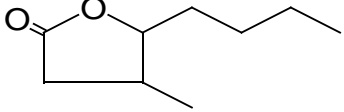
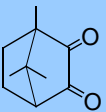
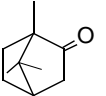
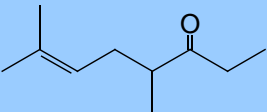
| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 3-甲基-3-苯基缩水甘油酸乙酯 |  | / | 2,5 | 1 | / | X/Y |
| | | 2 | 4,7 | / | 4,7 | Z/W |
| 苯乙基甲基乙基甲醇乙酸酯 |  | / | / | / | 1,1 | |
| 乙酸异冰片酯 |  | / | 1,4 | / | 1,7 | |
| 异丁基异丁酯 |  | 1 | 1,4 | / | 1,9 | |
| 乙酸薰衣草酯 |  | 1,6 | 2,3 | / | 1,4 | |
| 乙酸芳樟酯 |  | 0,7 | 3,7 | 1,1 | / | |

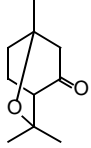
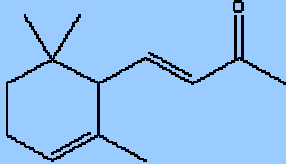
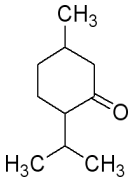
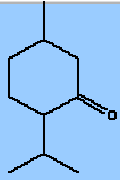
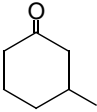
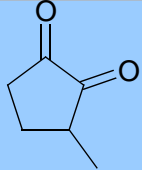
| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|-----------------|--|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 丙酸芳樟酯 |  | / | 1,2 | / | 0,4 | |
| 醋酸薄荷酯 |  | 14 | 17 | 5,2 | 19,8 | |
| 顺式2-甲基-3-己烯基丁酸酯 | / | 1,8 | 2,3 | 1 | 1 | |
| 甲基 3-羟基 |  | 5,7 | 6,8 | 3 | 7,8 | |
| 乙酸诺卜酯 |  | / | / | / | 1,7 | |
| 丙二醇丁酸酯 |  | 2,3 | 1,4 | 1,2 | 5,3 | |
| 乙酸苏合香酯 |  | 15,6 | 56,3 | 3 | 38,3 | |

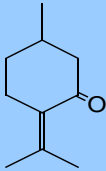
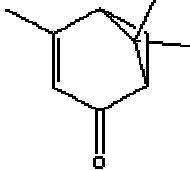
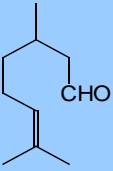
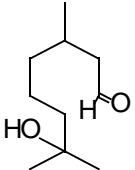
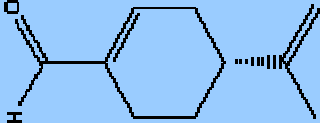
| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|-----------------|--|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| α -醋酸三乙酯 |  | / | / | / | 1,1 | |
| Lactones | | | | | | |
| Aerangis内酯 |  | 2,2 | 2,8 | 1 | 1,7 | |
| δ -己内酯 |  | / | 1,5 | 6,6 | / | |
| δ -庚内酯 |  | 3,2 | 1,4 | 0,9 | 0,6 | |
| δ -辛内酯 |  | 1,8 | 3,4 | 7,5 | 0,9 | |
| δ -壬内酯 |  | 1,5 | 1 | 4,4 | / | |
| δ -癸内酯 |  | 1 | 1 | 4,1 | / | |

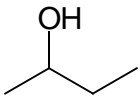
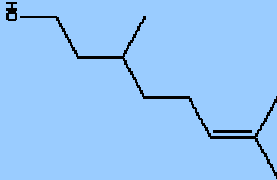
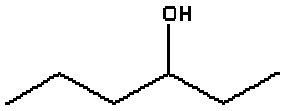
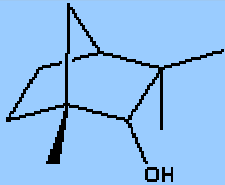
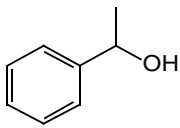
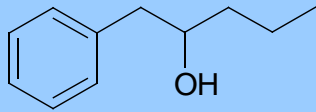
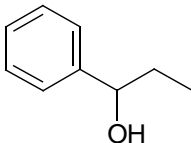
| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|-----------------|--|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| δ -十一内酯 |  | 1,4 | 1,2 | 3,8 | / | |
| δ -十二内酯 |  | 1,1 | 1,1 | 3,5 | / | |
| γ -泛解酸内酯 |  | 7,6 | 20,5 | 21,4 | 5,5 | |
| γ -己内酯 |  | 6 | 13,6 | 15,7 | 3,4 | |
| γ -庚内酯 |  | 8,9 | 13,9 | 4,2 | 4,7 | |
| γ -辛内酯 |  | 6,4 | 11,6 | 4,6 | 3,7 | |
| γ -壬内酯 |  | 5,7 | 9,8 | 3,9 | 3 | |
| γ -癸内酯 |  | 4 | 7,2 | 3,7 | 2,2 | |

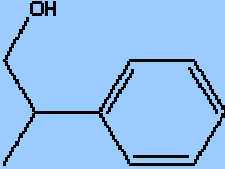
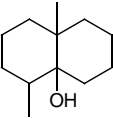
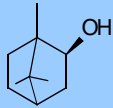
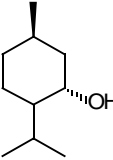
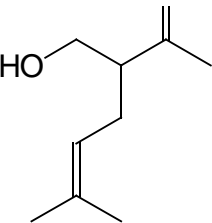
| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|-------------------|-----|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 3-甲基 γ 癸内酯 | | 6,4 | 8 | 4,5 | 5,1 | |
| γ -十一内酯 | | 3,4 | 6,1 | 3,6 | 1,7 | |
| γ -十二内酯 | | 2,9 | 4,8 | 3,1 | 1,4 | |
| γ -十四内酯 | | 2 | 3,2 | 2,4 | 1 | |
| γ -十五内酯 | | 1,6 | 2,4 | 2,1 | 0,7 | |
| ϵ -癸内酯 | | 5 | 8 | 2,6 | 1,8 | |
| ϵ -十二内酯 | | 4,3 | 5,4 | 4 | 1,2 | |

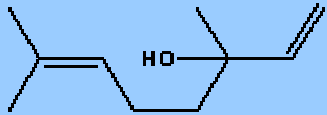
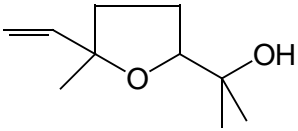
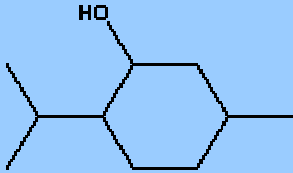
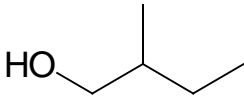
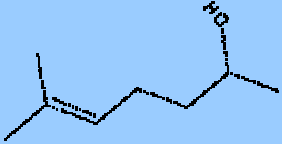
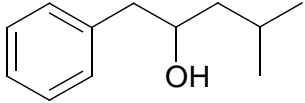
| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|-----------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| Massoja 癸内酯 |  | 1,2 | / | 5,7 | 0,7 | |
| Massoja 十二内酯 |  | 1,2 | / | 5,2 | / | |
| 威士忌内酯 |  | 11,2 | 11,2 | 5,1 | 5,2 | X/Y |
| | | 2,8 | 1,4 | 6,3 | / | Z/W |
| <i>Ketones</i> | | | | | | |
| 樟脑啞酮 |  | 2,2 | 3,8 | 6,5 | / | |
| 樟脑 |  | 2,6 | 3,7 | 7,8 | / | |
| 3,6-二甲基辛-2-烯-6-酮 |  | 1,7 | 5 | 2,4 | 3,2 | |

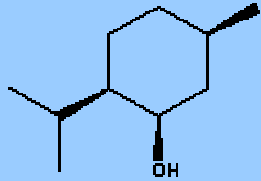
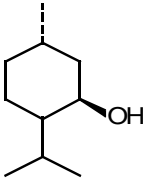
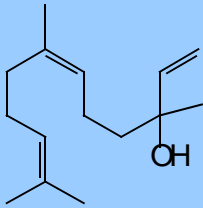
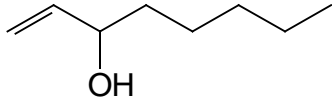
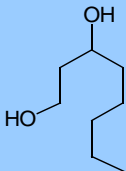
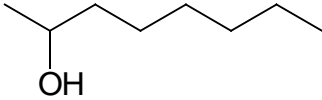
| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|----------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 1,8-环氧 - 对 - 薄荷烷-3-酮 |  | 12,5 | 13,8 | 4,8 | 11,6 | |
| α -紫罗兰酮 |  | 5,1 | 4,9 | 5,4 | 7,6 | |
| 异薄荷酮 |  | 10,4 | / | 2,4 | / | |
| 薄荷 |  | 1,5 | 2,2 | 2,8 | / | |
| 3-甲基环己酮 |  | 1,7 | 5,3 | 1 | 1,3 | |
| 3-草烯醇 |  | 17 | 693.36.00 | 20,7 | 11 | |

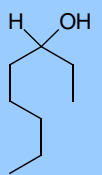
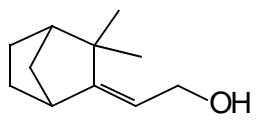
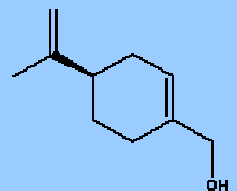
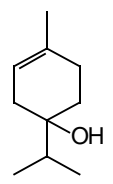
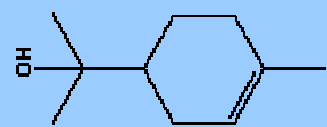
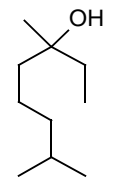
| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 胡椒酮 | / | 6 | 8,8 | 2,8 | 5 | |
| 胡薄荷酮 |  | 4,6 | 3,8 | / | 2,7 | |
| 马鞭草烯酮 |  | 2,9 | 3,5 | 1,8 | 1,1 | |
| Aldehydes | | | | | | |
| 香茅醛 |  | / | 1,1 | 3,1 | 1,3 | |
| 羟基香茅 |  | 1 | 1,1 | 2,9 | / | |
| 紫苏醛 |  | 6,4 | 8,2 | 1,9 | 4,1 | |

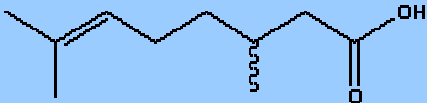
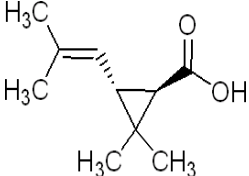
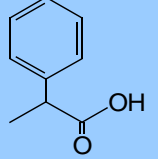
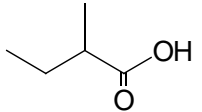
| 复合物 | 结构式 | R (ERSOLUTION) | | | | CONFIG |
|-----------------|--|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| Alcohols | | | | | | |
| 2-丁醇 |  | / | / | 2,2 | / | |
| 香茅醇 |  | 1,2 | 1,3 | 1,8 | / | |
| 3-己醇 |  | / | / | 1,7 | 0,9 | |
| 芬氏醇 |  | 2,7 | 8,6 | 7 | 4,2 | |
| 1-苯基乙醇 |  | 6 | 6,1 | 8 | 9 | |
| 1-苯基-2-戊醇 |  | 4,1 | 1,1 | 3 | 3,3 | |
| 1-苯基1-丙醇 |  | 2 | 3,9 | 4,8 | 5,3 | |

| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|-----------|--|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 2-苯基-1-丙醇 |  | 3,2 | 3,1 | 7,6 | 2 | |
| 土臭素 |  | 1,7 | 1,3 | 1 | 3,4 | |
| 异龙脑 |  | 3,6 | 3,7 | 9,7 | 2,1 | |
| 薄荷醇 |  | 4,4 | 8,6 | 8,8 | 6,3 | |
| 异松蒎 | / | 5,6 | 1,8 | 2 | / | |
| 薰衣草 |  | 8,6 | 13,7 | / | 4,5 | S |
| | | | | | | R |

| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|---------------|--|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 芳樟醇 |  | 3,9 | 7,4 | 1,4 | 5,3 | |
| 芳樟醇氧化物 |  | 9,6 | / | / | 13,9 | (+) trans / (-) trans |
| | | 4,8 | / | / | 9,6 | (+) cis / (-) cis |
| 薄荷醇 |  | 1,3 | 1,3 | 5 | 1,3 | |
| 2-甲基丁醇 |  | 1,2 | 2,4 | 2,8 | 1,2 | |
| 6-甲基-5-庚烯-2-醇 |  | 6,3 | 6,7 | 1,5 | 8,2 | |
| 4-甲基-1-苯戊醇 |  | 3,5 | 2,3 | 7 | 2,9 | |

| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|----------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 新异薄荷醇 |  | 11 | 17,4 | 4 | 10,1 | |
| 新薄荷醇 |  | 6,9 | 6,4 | 4,6 | 3,1 | |
| 橙花叔醇 |  | 2,2 | 4,3 | / | 2,2 | X cis / Y cis |
| | | 2,7 | 4,5 | / | 3,2 | Z trans / W trans |
| 1-辛烯-3-醇 |  | 1,4 | / | 1,4 | / | |
| 1,3-辛二醇 |  | 1 | 1,2 | 2,7 | 1,6 | |
| 2-辛醇 |  | 1 | 1 | / | / | |

| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|---------------|--|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| 3-辛醇 |  | / | 1 | 1,5 | 0,4 | |
| Patchenol |  | / | / | / | 3,9 | |
| 紫苏醇 |  | / | / | / | 3,5 | |
| 叔苯-4-醇 |  | 2,4 | 1,7 | 22,8 | 4 | |
| α -松油醇 |  | 5,1 | 6,9 | 2,7 | 1,9 | |
| 四氢芳樟醇 |  | 4,2 | 7 | / | 6,6 | |

| 复合物 | 结构式 | R (RESOLUTION) | | | | CONFIG |
|--------------|--|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | | MEGA-DEX DMT β | MEGA-DEX DET β | MEGA-DEX DAC β | MEGA-DEX DMP β | |
| Acids | | | | | | |
| 香茅酸 |  | 1,7 | 1,1 | / | / | |
| 菊酸 |  | 8,4 | 7,5 | / | 11,2 | |
| 2-苯基丙酸 |  | / | 2 | 3,4 | 3,6 | |
| 2-甲基丁酸 |  | 2,1 | 1,5 | 1 | 4,5 | |

Legend:

| | | | |
|---|--------------|-------------------|------|
| MEGA-DEX DMT β = 二甲基叔丁基二甲基甲硅烷基- β 环糊精 | 0,25 mm i.d. | 0,15 μ m f.t. | 25 m |
| MEGA-DEX DET β = 二乙基叔丁基二甲基甲硅烷基- β 环糊精 | 0,25 mm i.d. | 0,15 μ m f.t. | 25 m |
| MEGA-DEX DAC β = 二乙酰叔丁基二甲基异硅基- β 环糊精 | 0,25 mm i.d. | 0,25 μ m f.t. | 25 m |
| MEGA-DEX DMP β = 二甲基戊基- β -环糊精 | 0,25 mm i.d. | 0,25 μ m f.t. | 25 m |

由都灵大学（意大利）Dipartimento di Scienza e Tecnologia del farmaco的植物分析实验室提供。分析在Shimadzu QP 2010 S GC-MS系统上进行。