



Sigma: P5960

>>Derivative: Ca salt (2:1)

Synonym(s): Calciopor. Calcium pidolate. Calpyrodil. Efical. Lircal

CAS Registry Number: 31377-05-6

Use/Importance: Calcium replenisher

>>Derivative: Mg salt (2:1)

Synonym(s): Bomag. Magnesone. Solumag. MAG 2

CAS Registry Number: 62003-27-4

Use/Importance: Magnesium source

>>Derivative: Me ester

Extra CAS Registry Numbers(s): 4931-66-2

Molecular Formula: $C_6H_9NO_3$

Molecular Weight: 143.142

Accurate Mass: 143.058244

Percentage Composition: C 50.35%; H 6.34%; N 9.79%; O 33.53%

Physical Description: Oil

Boiling Point: Bp₂ 139-140°

>>Derivative: Et ester

CAS Registry Number: 7149-65-7

Molecular Formula: $C_7H_{11}NO_3$

Molecular Weight: 157.169

Accurate Mass: 157.073894

Percentage Composition: C 53.49%; H 7.05%; N 8.91%; O 30.54%

Boiling Point: Bp₃ 161°

Optical Rotation: $[\alpha]_D -8.6$ (H₂O)

Aldrich: 30777-7

Fluka: 83175

Sigma: P0167

>>Derivative: 3,3,5-Trimethylcyclohexyl ester

Synonym(s): Crilvastatin, INN, USAN. PMD 387

CAS Registry Number: 120551-59-9

Molecular Formula: $C_{14}H_{23}NO_3$

Molecular Weight: 253.341

Accurate Mass: 253.167794

Percentage Composition: C 66.37%; H 9.15%; N 5.53%; O 18.95%

Use/Importance: HMG-CoA reductase inhibitor. Antihyperlipidaemic agent. HMG-CoA reductase inhibitor

Physical Description: Liq.

Development Status: Phase II clinical trials (1992)

Boiling Point: Bp_{0.1} 130°

Optical Rotation: $[\alpha]_D^{25} -1.5$ (c, 1 in DMF) (90% op)

Calculated Log P Data: Log P 2.66 (calc)

>>Derivative: Benzyl ester

Molecular Formula: $C_{12}H_{13}NO_3$

Molecular Weight: 219.24

Accurate Mass: 219.089544

Percentage Composition: C 65.74%; H 5.98%; N 6.39%; O 21.89%

Physical Description: Oil

>>Derivative: 4-Acetamidophenyl ester