



>>Derivative: Me ester

CAS Registry Number: 81576-55-8

Extra CAS Registry Numbers(s): 61566-34-5

Physical Description: Oil

Optical Rotation: $[\alpha]_D^{25} +51.5$ (c, 1 in CHCl_3)

>>Variant: (±)-form

CAS Registry Number: 58560-75-1

Molecular Formula: $\text{C}_{13}\text{H}_{18}\text{O}_2$

Molecular Weight: 206.284

Accurate Mass: 206.13068

Percentage Composition: C 75.69%; H 8.79%; O 15.51%

Melting Point: Mp 75-77.5°

Solubility: Spar. sol. H_2O

>>Derivative: L-Lysine salt (1:1)

Synonym(s): Ibuprofen-Lysine. Soluphene

CAS Registry Number: 57469-77-9

>>Derivative: Al compd. (2:1)

Synonym(s): Ibuprofen aluminium, USAN. Motrin A

CAS Registry Number: 61054-06-6

>>Derivative: Me ester

CAS Registry Number: 114376-60-2

Extra CAS Registry Numbers(s): 61566-34-5

Physical Description: Oil

Boiling Point: Bp₅ 107-108°

>>Derivative: 2-Pyridinylmethyl ester

Synonym(s): Ibuprofen piconol, JAN, USAN. Be 100. U 75630

CAS Registry Number: 112017-99-9

Molecular Formula: $\text{C}_{19}\text{H}_{23}\text{NO}_2$

Molecular Weight: 297.396

Accurate Mass: 297.172879

Percentage Composition: C 76.74%; H 7.79%; N 4.71%; O 10.76%

Use/Importance: Topical antiinflammatory agent

References: