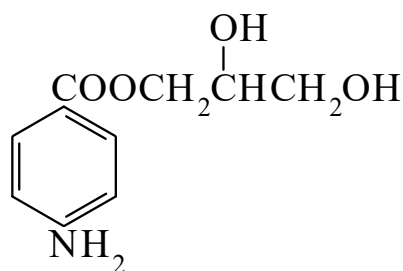




>>Entry Name: Lisadimate, INN, USAN

Synonym(s): 1,2,3-Propanetriol 1-(4-aminobenzoate), 9CI. Glycerol 1-(*p*-aminobenzoate). 1-Glyceryl 4-aminobenzoate. Escalol 106



Molecular Formula: C₁₀H₁₃NO₄

Molecular Weight: 211.217

Accurate Mass: 211.084459

Percentage Composition: C 56.87%; H 6.20%; N 6.63%; O 30.30%

Use/Importance: Sunscreen agent; effective against UVB light

Calculated Log P Data: Log P -0.32 (calc)

>>Variant: (±)-form

CAS Registry Number: 136-44-7

Molecular Formula: C₁₀H₁₃NO₄

Molecular Weight: 211.217

Accurate Mass: 211.084459

Percentage Composition: C 56.87%; H 6.20%; N 6.63%; O 30.30%

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 116-117°

Hazard & Toxicity: Human skin irritant

References:

Van Lohuizen, O.E. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1959, **78**, 460, (*synth*)

Kammeyer, A. *et al.*, *Int. J. Cosmet. Sci.*, 1987, **9**, 125, (*activity*)

Flindt-Hansen, H. *et al.*, *Photodermatology*, 1988, **5**, 257, (*stability*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1234

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn., Van Nostrand Reinhold, 1992, GGQ000*