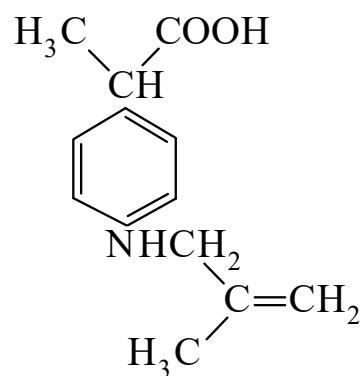




>>Entry Name: Alminoprofen, INN, JAN

Synonym(s): α -Methyl-4-[(2-methyl-2-propenyl)amino]benzeneacetic acid, 9CI. *p*-[(2-Methylallyl)amino]hydratropic acid. Minalfene. EB 382



CAS Registry Number: 39718-89-3

Related CAS Registry Numbers(s): 54362-71-9 71589-39-4

Molecular Formula: C₁₃H₁₇NO₂

Molecular Weight: 219.283

Accurate Mass: 219.125929

Percentage Composition: C 71.21%; H 7.81%; N 6.39%; O 14.59%

Use/Importance: Prostaglandin biosynthesis inhibitor. Analgesic, non-steroidal antiinflammatory agent

Development Status: Launched 1983

Calculated Log P Data: Log P 2.19 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 550 mg/kg. LD₅₀ (rat, ipr) 700 mg/kg. Exp. reprod. effects

>>Variant: (±)-form

Molecular Formula: C₁₃H₁₇NO₂

Molecular Weight: 219.283

Accurate Mass: 219.125929

Percentage Composition: C 71.21%; H 7.81%; N 6.39%; O 14.59%

Melting Point: Mp 120°

References:

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Dumaitre, B. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1979, **14**, 207, (*synth*)

Paillet, M. *et al.*, *J. Chromatogr.*, 1985, **343**, 455, (*hplc*)

Fujiyoshi, T. *et al.*, *Chem. Pharm. Bull.*, 1989, **37**, 771; 775, (*pharmacol*)

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