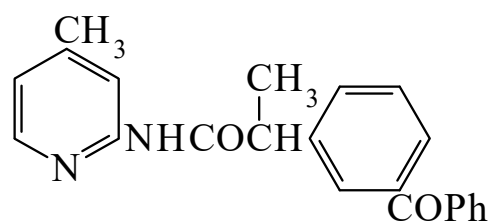




>>Entry Name: **Piketoprofen**, INN

Synonym(s): 3-Benzoyl- α -methyl-*N*-(4-methyl-2-pyridinyl)benzeneacetamide, 9Cl. *m*-Benzoyl-*N*-(4-methyl-2-pyridyl)hydratropamide. Calmatel



CAS Registry Number: 60576-13-8

Molecular Formula: C₂₂H₂₀N₂O₂

Molecular Weight: 344.412

Accurate Mass: 344.152478

Percentage Composition: C 76.72%; H 5.85%; N 8.13%; O 9.29%

Use/Importance: Analgesic, antiinflammatory agent

Development Status: Launched 1984

Calculated Log P Data: Log P 4.11 (uncertain value) (calc)

>>**Variant:** ($\pm$)-form

Molecular Formula: C₂₂H₂₀N₂O₂

Molecular Weight: 344.412

Accurate Mass: 344.152478

Percentage Composition: C 76.72%; H 5.85%; N 8.13%; O 9.29%

Physical Description: Oil

>>**Derivative:** Hydrochloride

CAS Registry Number: 59512-37-7

Melting Point: Mp 180-182°

References:

Spickett, R.G.W. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1976, **11**, 7, (*synth, pharmacol*)

U.K. Pat., 1976, *A Gallardo*, 1 436 502; *CA*, **86**, 43691, (*synth*)

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