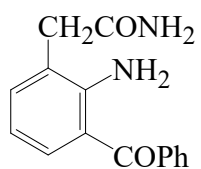




>>Entry Name: Nepafenac, INN

Synonym(s): 2-Amino-3-benzoylbenzeneacetamide, 9CI



CAS Registry Number: 78281-72-8

Molecular Formula: C₁₅H₁₄N₂O₂

Molecular Weight: 254.288

Accurate Mass: 254.105528

Percentage Composition: C 70.85%; H 5.55%; N 11.02%; O 12.58%

Biological Use/Importance: Antiinflammatory agent

Physical Description: Yellow needles (2-propanol)

Melting Point: Mp 178-180°

References:

Ger. Pat., 1981, *Robins*, 3 035 688; *CA*, **95**, 42702x, (*synth*)

Walsh, D.A. *et al.*, *J. Med. Chem.*, 1990, **33**, 2296-2304, (*synth, pharmacol*)

U.S. Pat., 1995, *Alcon*, 5 475 034; *CA*, **124**, 127141f, (*pharmacol*)