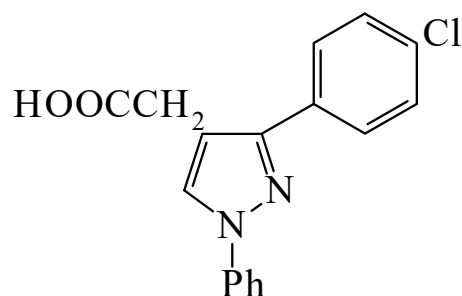




>>Entry Name: Lonazolac, INN

Synonym(s): 3-(4-Chlorophenyl)-1-phenyl-1*H*-pyrazole-4-acetic acid, 9Cl



CAS Registry Number: 53808-88-1

Molecular Formula: C₁₇H₁₃ClN₂O₂

Molecular Weight: 312.755

Accurate Mass: 312.066555

Percentage Composition: C 65.29%; H 4.19%; Cl 11.34%; N 8.96%; O 10.23%

Use/Importance: PGE₂ synthetase inhibitor. Antiinflammatory, analgesic agent

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 150-151°

Calculated Log P Data: Log P 4.31 (calc)

>>Derivative: Ca salt

Synonym(s): Argun L. Floxan. Irritren. Lonax. Atrilon. SNK-874

CAS Registry Number: 75821-71-5

Melting Point: Mp 270-290°

Hazard & Toxicity: LD₅₀ (rat, orl) 845 mg/kg

References:

U.K. Pat., 1974, *J Wyeth*, 1 373 212; *CA*, **82**, 72987t, (*synth*)

Rainer, G. *et al.*, *Arzneim.-Forsch.*, 1981, **31**, 649, (*synth, ir, pmr, uv, pharmacol*)

Gortz, R. *et al.*, *Int. J. Tissue React.*, 1985, **7**, 263, (*pharmacol*)

Huber, R. *et al.*, *Arzneim.-Forsch.*, 1990, **40**, 918, (*pharmacokinet, human*)

Stehlik, P. *et al.*, *Cesk. Farm.*, 1991, **40**, 37, (*hplc*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 22