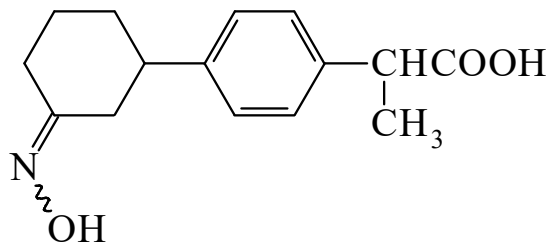




>>Entry Name: Ximoprofen, INN

Synonym(s): 4-[3-(Hydroxyimino)cyclohexyl]- α -methylbenzeneacetic acid, 9Cl. *p*-(3-Oxocyclohexyl)hydratropic acid oxime



CAS Registry Number: 56187-89-4

Related CAS Registry Numbers(s): 124673-87-6 124673-88-7 155976-31-1 155976-32-2

Molecular Formula: C₁₅H₁₉NO₃

Molecular Weight: 261.32

Accurate Mass: 261.136494

Percentage Composition: C 68.94%; H 7.33%; N 5.36%; O 18.37%

Use/Importance: Analgesic, antipyretic, antiinflammatory agent, investigated for treatment of ankylosing spondylitis

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 178°

Calculated Log P Data: Log P 2.18 (calc)

Other Data: Props. refer to a mixt. of racemates

References:

Ger. Pat., 1975, *Laboratoires Jacques Logeais*, 2 442 910; *CA*, **83**, 43056d, (*synth, pharmacol*)

Maillard, J. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1977, **12**, 161, (*synth, pharmacol*)

Morris, G.R. *et al.*, *J. Chromatogr.*, 1990, **530**, 377, (*hplc*)

Dougados, M. *et al.*, *Scand. J. Rheumatol.*, 1994, **23**, 243, (*use*)