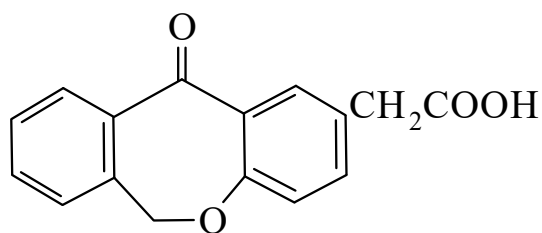




>>Entry Name: Isoxepac, BAN, INN, USAN

Synonym(s): 6,11-Dihydro-11-oxodibenz[*b,e*]oxepin-2-acetic acid, 9CI. Artil. HP 549. P 720549



CAS Registry Number: 55453-87-7

Molecular Formula: C₁₆H₁₂O₄

Molecular Weight: 268.268

Accurate Mass: 268.07356

Percentage Composition: C 71.64%; H 4.51%; O 23.86%

Use/Importance: Antiinflammatory agent, analgesic

Melting Point: Mp 131-132.5°

Calculated Log P Data: Log P 2.57 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 143 mg/kg

References:

Ueno, K. *et al.*, *J. Med. Chem.*, 1976, **19**, 941, (*synth, pharmacol*)

Lassman, H.B. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1977, **227**, 142, (*pharmacol*)

Aultz, D.E. *et al.*, *J. Med. Chem.*, 1977, **20**, 66; 1499, (*synth, pharmacol*)

Illing, H.P.A. *et al.*, *Drug Metab. Dispos.*, 1978, **6**, 510, (*metab*)

Martindale, *The Extra Pharmacopoeia*, 28th/29th edn., Pharmaceutical Press, 1982, 12872