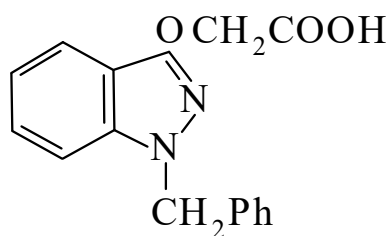




>>>**Entry Name:** Bendazac, BAN, INN, JAN, USAN

Synonym(s): [[1-(Phenylmethyl)-1*H*-indazol-3-yl]oxy]acetic acid, 9Cl. [(1-Benzyl-1*H*-indazol-3-yl)oxy]acetic acid, 8Cl. **Bindazac.** Benzum. Hubersil. Ubicron. Versalba. Versus. Zildazac. AF 983



CAS Registry Number: 20187-55-7

Molecular Formula: C₁₆H₁₄N₂O₃

Molecular Weight: 282.298

Accurate Mass: 282.100443

Percentage Composition: C 68.08%; H 5.00%; N 9.92%; O 17.00%

Use/Importance: Antiinflammatory agent. Used in treatment of cataracts of the eye

Physical Description: Cryst. (EtOH)

Melting Point: Mp 160°

Solubility: Insol. H₂O, sol. CHCl₃, Me₂CO

Calculated Log P Data: Log P 2.7 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 1200 mg/kg

>>>**Derivative:** L-Lysine salt (1:1)

Synonym(s): Bendazac lysine. Bendazina. Bendalina

CAS Registry Number: 81919-14-4

Melting Point: Mp 178-181°

References:

Silvestrini, B. *et al.*, *Arzneim.-Forsch.*, 1969, **19**, 30; 1970, **20**, 250, (*pharmacol*)

U.S. Pat., 1969, 3 470 194; *CA*, **72**, 100697, (*synth, pharmacol*)

U.K. Pat., 1982, 2 081 708; *CA*, **96**, 223285, (*synth, pharmacol*)

Cioli, V. *et al.*, *Farmaco, Ed. Prat.*, 1984, **39**, 438, (*pharmacol*)

Catanese, B. *et al.*, *Boll. Chim. Farm.*, 1986, **125**, 298, (*metab*)

Balfour, J.A. *et al.*, *Drugs*, 1990, **39**, 575, (*rev, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 8

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, BAV325