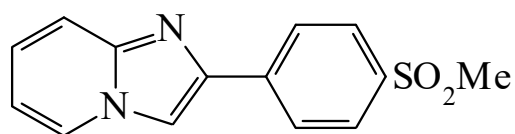




>>Entry Name: Zolimidine, INN

Synonym(s): 2-[4-(Methylsulfonyl)phenyl]imidazo[1,2-*a*]pyridine, 9Cl. Zoliridine. Gastromidin. Gastronilo. Mutil. Selvimidine. Solimidine. UGD. S40015



CAS Registry Number: 1222-57-7

Molecular Formula: C₁₄H₁₂N₂O₂S

Molecular Weight: 272.327

Accurate Mass: 272.061948

Percentage Composition: C 61.75%; H 4.44%; N 10.29%; O 11.75%; S 11.77%

Use/Importance: Gastric secretion stimulant, antiulcer agent

Melting Point: Mp 242-244°

Calculated Log P Data: Log P 1.74 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 3710 mg/kg. LD₅₀ (rat, ipr) 950 mg/kg

>>Derivative: Hydrochloride

CAS Registry Number: 449-75-2

Hazard & Toxicity: LD₅₀ (mus, ipr) 780 mg/kg

References:

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Picco, S. *et al.*, *Farmaco, Ed. Sci.*, 1974, **29**, 841; 848, (*metab, props, uv, ir, nmr, ms*)

Murmann, W. *et al.*, *Panminerva Med.*, 1974, **16**, 301; 321; 335, (*pharmacol*)

Chermat, R. *et al.*, *Therapie*, 1977, **32**, 643, (*pharmacol*)

Materia, A. *et al.*, *Clin. Ther.*, 1981, **97**, 183

Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 910

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