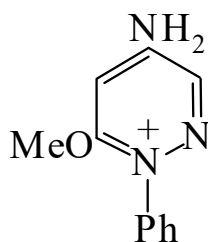




>>Entry Name: 4-Amino-6-methoxy-1-phenylpyridazinium(1+), 9Cl

Synonym(s): Amezinium(1+)



CAS Registry Number: 41658-78-0

Molecular Formula: C₁₁H₁₂N₃O⁽⁺⁾

Molecular Weight: 202.235

Accurate Mass: 202.098037

Percentage Composition: C 65.33%; H 5.98%; N 20.78%; O 7.91%

>>Derivative: Methylsulfate

Synonym(s): Amezinium metilsulfate, INN. Crovaril. Lismont. Regulton. Risunic. Supratonin. Tenfortan. LU 1631

CAS Registry Number: 30578-37-1

Molecular Formula: C₁₂H₁₅N₃O₅S

Molecular Weight: 313.334

Accurate Mass: 313.073242

Percentage Composition: C 46.00%; H 4.83%; N 13.41%; O 25.53%; S 10.23%

Use/Importance: Sympathomimetic agent, used to treat hypotension

Physical Description: Cryst. (MeCN)

Melting Point: Mp 173-174°

Hazard & Toxicity: LD₅₀ (rat, orl) 1410 mg/kg. LD₅₀ (rat, ivn) 24 mg/kg. Exp. fetotoxic and reprod. effects

References:

Reicheneder, F. *et al.*, *Arzneim.-Forsch.*, 1981, **31**, 1529, (*synth*)

Lenke, D. *et al.*, *Arzneim.-Forsch.*, 1981, **31**, 1533; 1544; 1558, (*pharmacol, metab*)

Neugebauer, G. *et al.*, *Eur. J. Clin. Pharmacol.*, 1983, **24**, 185, (*pharmacokinet*)

Hotz, D. *et al.*, *J. Chromatogr.*, 1983, **277**, 217, (*hplc*)

Nambu, K. *et al.*, *Arzneim.-Forsch.*, 1988, **38**, 909, (*metab*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1240

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, MQS100