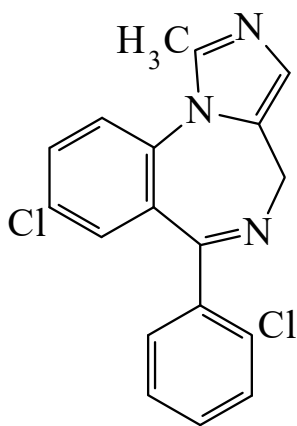




>>Entry Name: Climazolam, INN

Synonym(s): 8-Chloro-6-(2-chlorophenyl)-1-methyl-4*H*-imidazo[1,5-*a*][1,4]benzodiazepine, 9Cl. Climazol. Ro 21-3982



CAS Registry Number: 59467-77-5

Related CAS Registry Numbers(s): 112805-90-0

Molecular Formula: C₁₈H₁₃Cl₂N₃

Molecular Weight: 342.226

Accurate Mass: 341.048651

Percentage Composition: C 63.17%; H 3.83%; Cl 20.72%; N 12.28%

Use/Importance: Benzodiazepine receptor agonist. Veterinary sedative

Physical Description: Cryst. (CH₂Cl₂/hexane)

Melting Point: Mp 142-144°

Calculated Log P Data: Log P 4.32 (uncertain value) (calc)

References:

Ger. Pat., 1976, *Hoffmann-La Roche*, 2 540 522; *CA*, **85**, 21497, (*synth, pharmacol*)

U.S. Pat., 1983, *Hoffmann-La Roche*, 4 401 597; *CA*, **100**, 51611, (*synth, pharmacol*)

Heizmann, P. *et al.*, *J. Chromatogr.*, 1987, **415**, 170, (*gc*)