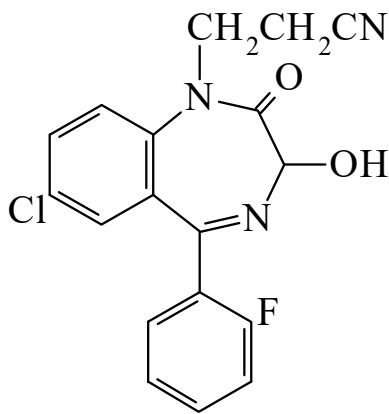




>>Entry Name: Cinolazepam, INN

Synonym(s): 7-Chloro-5-(2-fluorophenyl)-2,3-dihydro-3-hydroxy-2-oxo-1*H*-1,4-benzodiazepine-1-propanenitrile, 9Cl. Gerodorm. OX-373



CAS Registry Number: 75696-02-5

Molecular Formula: C₁₈H₁₃ClFN₃O₂

Molecular Weight: 357.771

Accurate Mass: 357.068032

Percentage Composition: C 60.43%; H 3.66%; Cl 9.91%; F 5.31%; N 11.74%; O 8.94%

Use/Importance: Benzodiazepine receptor agonist. Sedative, hypnotic

Physical Description: Cryst. (EtOH)

Development Status: Launched 1993 (Austria)

Melting Point: Mp 190-193°

Calculated Log P Data: Log P 2.34 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 3500 mg/kg

References:

Ger. Pat., 1980, *Farmitalia Carbo Erba*, 2 950 235; *CA*, **93**, 239431q, (*synth, pharmacol*)

Koch, H., *Drugs of the Future*, 1982, **7**, 98, (*rev*)

Oelschläger, H. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1992, **325**, 65, (*polarog*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 581