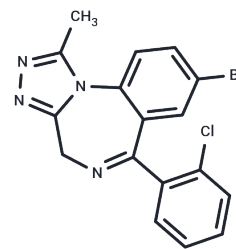


Phenazolam

Chemical Properties

CAS No. :	87213-50-1
Formula:	C ₁₇ H ₁₂ BrClN ₄
Molecular Weight:	387.66
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Phenazolam is an analytical reference standard categorized as a benzodiazepine. [1] This product is intended for research and forensic applications.
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Solubility Information

Solubility	Ethanol: 10 mg/mL DMSO: 20 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5796 mL	12.8979 mL	25.7958 mL
5 mM	0.5159 mL	2.5796 mL	5.1592 mL
10 mM	0.258 mL	1.2898 mL	2.5796 mL
50 mM	0.0516 mL	0.258 mL	0.5159 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Vejdělek, Z., and Protiva, M. Synthesis of two 1-substituted 8-bromo-6-(2-chlorophenyl)-4H-s triazolo[4,3-a]-1,4-benzodiazepines. Collection Czechoslovak Chem. Commun. 48, 1477-1482 (1983).

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