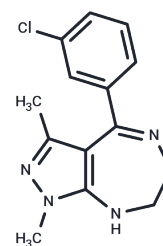


Zometapine

Chemical Properties

CAS No. :	51022-73-2
Formula:	C ₁₄ H ₁₅ ClN ₄
Molecular Weight:	274.75
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Zometapine (CI 781) is an antidepressant compound that is a derivative of pyrazole and diazepine.
Targets(IC50)	Others, Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6397 mL	18.1984 mL	36.3967 mL
5 mM	0.7279 mL	3.6397 mL	7.2793 mL
10 mM	0.364 mL	1.8198 mL	3.6397 mL
50 mM	0.0728 mL	0.364 mL	0.7279 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Katz RJ. Effects of zometapine, a structurally novel antidepressant, in an animal model of depression. *Pharmacol Biochem Behav.* 1984 Oct;21(4):487-90.

Kaur N. Benign Approaches for the Microwave-assisted Synthesis of Five-membered 1, 2-N, N-heterocycles[J]. *Journal of Heterocyclic Chemistry*, 2015, 52(4): 953-973.

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