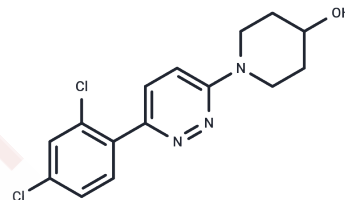


Endixaprine

Chemical Properties

CAS No. :	93181-85-2
Formula:	C ₁₅ H ₁₅ Cl ₂ N ₃ O
Molecular Weight:	324.21
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	Endixaprine (SR 41378) is a small molecule compound used to treat neurological disorders and may be used to study anxiety disorders and epilepsy.
Targets(IC50)	Others
In vivo	Oral administration of Endixaprin in mice has anticonvulsant activity with an ED50 of 11 mg/kg in tonic epilepsy.[1]

Solubility Information

Solubility	DMSO: 45 mg/mL (138.8 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0844 mL	15.4221 mL	30.8442 mL
5 mM	0.6169 mL	3.0844 mL	6.1688 mL
10 mM	0.3084 mL	1.5422 mL	3.0844 mL
50 mM	0.0617 mL	0.3084 mL	0.6169 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

Hallot A, et al. Synthesis and activity of 6-aryl-3-(hydroxypolymethyleneamino)pyridazines in animal models of epilepsy. J Med Chem. 1986;29(3):369-375.

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