

RU 52583

Chemical Properties

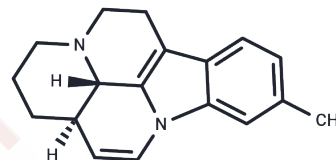
CAS No. : 123829-33-4

Formula: C₁₈H₂₀N₂

Molecular Weight: 264.36

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	RU 52583 is an alpha 2-adrenergic receptor antagonist.
Targets(IC50)	Others,Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7827 mL	18.9136 mL	37.8272 mL
5 mM	0.7565 mL	3.7827 mL	7.5654 mL
10 mM	0.3783 mL	1.8914 mL	3.7827 mL
50 mM	0.0757 mL	0.3783 mL	0.7565 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

M'Harzi M, Willig F, Bardelay C, Palou AM, Oberlander C. Effects of RU 52583, an alpha 2-antagonist, on memory in rats with excitotoxic damage to the septal area. Pharmacol Biochem Behav. 1997 Apr;56(4):649-55. PubMed PMID: 9130290.

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