

RU 41656

Chemical Properties

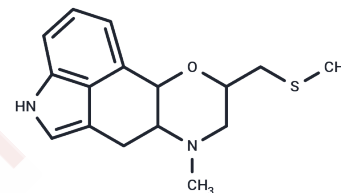
CAS No. : 134377-22-3

Formula: C₁₆H₂₀N₂O₂S

Molecular Weight: 288.41

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 41656 is a dopaminergic D2 agonist.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4673 mL	17.3364 mL	34.6729 mL
5 mM	0.6935 mL	3.4673 mL	6.9346 mL
10 mM	0.3467 mL	1.7336 mL	3.4673 mL
50 mM	0.0693 mL	0.3467 mL	0.6935 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

Willig F, Van de Velde D, Laurent J, M'Harzi M, Delacour J. The Roman strains of rats as a psychogenetic tool for pharmacological investigation of working memory: example with RU 41656. *Psychopharmacology (Berl)*. 1992;107(2-3):415-24. PubMed PMID: 1352059.

Patat A, Klein MJ, Surjus A, Hucher M, Granier J. RU 41,656 does not reverse the scopolamine-induced cognitive deficit in healthy volunteers. *Eur J Clin Pharmacol*. 1991;41(3):225-31. PubMed PMID: 1684155.

Patat A, Klein MJ, Surjus A, Hucher M, Granier J. Study of the potential reversal of triazolam memory and cognitive deficits by RU 41 656 in healthy subjects. *Psychopharmacology (Berl)*. 1991;104(1):75-80. PubMed PMID: 1831908.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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