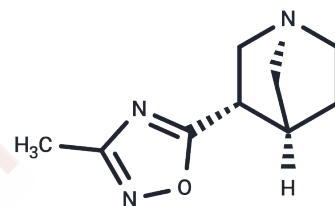


L 670548

Chemical Properties

CAS No. : 121564-89-4
 Formula: C₉H₁₃N₃O
 Molecular Weight: 179.22
 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	L 670548 is an agonist of muscarinic receptor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5797 mL	27.8987 mL	55.7973 mL
5 mM	1.1159 mL	5.5797 mL	11.1595 mL
10 mM	0.558 mL	2.7899 mL	5.5797 mL
50 mM	0.1116 mL	0.558 mL	1.1159 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

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- Showell GA, Baker R, Davis J, Hargreaves R, Freedman SB, Hoogsteen K, Patel S, Snow RJ. Synthesis and in vitro biological profile of all four isomers of the potent muscarinic agonist 3-(3-methyl-1,2,4-oxadiazol-5-yl)-1-azabicyclo[2.2.1]heptane. *J Med Chem.* 1992 Mar 6;35(5):911-6. PubMed PMID: 1548680.
- Thompson AK, Fisher SK. Preferential coupling of cell surface muscarinic receptors to phosphoinositide hydrolysis in human neuroblastoma cells. *J Biol Chem.* 1991 Mar 15;266(8):5004-10. PubMed PMID: 1848233.

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