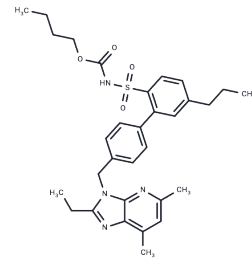


L162389

Chemical Properties

CAS No. : 169281-53-2
 Formula: C₃₁H₃₈N₄O₄S
 Molecular Weight: 562.72
 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	L162389 is an orally active and potent angiotensin II receptor antagonist with a balanced affinity for AT1 and AT2 receptor subtypes that stimulates the conversion of phosphatidylinositol.
Targets(IC50)	RAAS
In vitro	METHODS: To determine the characteristics of the non-peptide angiotensin AT1 ligand L162389, a series of affinity assay studies were conducted. RESULTS: L162389 also stimulated phosphatidylinositol turnover, although only a minor fraction of the angiotensin response, acting as an angiotensin antagonist with an IC50 of 105 nM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7771 mL	8.8854 mL	17.7708 mL
5 mM	0.3554 mL	1.7771 mL	3.5542 mL
10 mM	0.1777 mL	0.8885 mL	1.7771 mL
50 mM	0.0355 mL	0.1777 mL	0.3554 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

Perlman S, et al. Dual agonistic and antagonistic property of nonpeptide angiotensin AT1 ligands: susceptibility to receptor mutations. Mol Pharmacol. 1997 Feb;51(2):301-11.

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