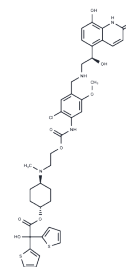


LAS190792

Chemical Properties

CAS No. : 1347232-69-2
 Formula: C₃₉H₄₃ClN₄O₉S₂
 Molecular Weight: 811.36
 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	LAS190792 (AZD8999) is a dual-action chemical compound that simultaneously acts as a strong muscarinic antagonist and β 2-adrenoceptor agonist. It exhibits significant potency across a range of receptors, with pIC ₅₀ values of 8.9 for M1, 8.8 for M2, 8.8 for M3, 9.2 for M4, 8.2 for M5, 7.5 for β 1, 9.1 for β 2, and 5.6 for β 3. Its effectiveness across these receptors makes LAS190792 a viable candidate for bronchodilator applications [1].
Targets(IC50)	Others,Adrenergic Receptor,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2325 mL	6.1625 mL	12.325 mL
5 mM	0.2465 mL	1.2325 mL	2.465 mL
10 mM	0.1232 mL	0.6162 mL	1.2325 mL
50 mM	0.0246 mL	0.1232 mL	0.2465 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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