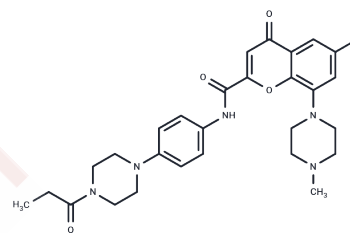


AZD1134

Chemical Properties

CAS No. : 442548-99-4
 Formula: C₂₈H₃₂FN₅O₄
 Molecular Weight: 521.58
 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	AZD1134 is an orally active, brain-penetrant, and highly selective 5-HT _{1B} receptor antagonist with IC ₅₀ values of 2.9 nM (human) and 0.108 nM (guinea pig). It elevates synaptic serotonin levels in guinea pigs and holds potential for research in mental disorders such as depression and anxiety.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9173 mL	9.5863 mL	19.1725 mL
5 mM	0.3835 mL	1.9173 mL	3.8345 mL
10 mM	0.1917 mL	0.9586 mL	1.9173 mL
50 mM	0.0383 mL	0.1917 mL	0.3835 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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