

D[LEU4,LYS8]-VP TFA

Chemical Properties

CAS No. :

Formula: C49H68F3N11O13S2

Molecular Weight: 1140.25

Keep away from moisture

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	D[LEU4,LYS8]-VP TFA is a selective agonist for the vasopressin V1b receptor, with K_i values of 0.16 nM for rat, 0.52 nM for human, and 1.38 nM for mouse V1b receptors. This compound exhibits limited antidiuretic, vasopressor, and oxytocic activities in vitro [1] [2].
Targets(IC50)	Vasopressin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.877 mL	4.385 mL	8.770 mL
5 mM	0.1754 mL	0.877 mL	1.754 mL
10 mM	0.0877 mL	0.4385 mL	0.877 mL
50 mM	0.0175 mL	0.0877 mL	0.1754 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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