

L-R4W2 TFA

Chemical Properties

CAS No. :

Formula: C48H72F3N21O8

Molecular Weight: 1128.22

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	L-R4W2 TFA acts as a potent antagonist of vanilloid receptor 1 (VR1, TRPV1), demonstrating significant inhibitory activity with an IC50 value of 0.1 μ M. This compound potentially offers powerful analgesic properties [1] [2].
Targets(IC50)	TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8864 mL	4.4318 mL	8.8635 mL
5 mM	0.1773 mL	0.8864 mL	1.7727 mL
10 mM	0.0886 mL	0.4432 mL	0.8864 mL
50 mM	0.0177 mL	0.0886 mL	0.1773 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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