

Lei-Dab7 TFA

Chemical Properties

CAS No. :

Formula: C143H237F3N46O41S6

Molecular Weight: 3506.08

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	Lei-Dab7 TFA, a selective and high-affinity blocker of the K Ca 2.2 (SK2) channel with a dissociation constant (K _d) of 3.8 nM, demonstrates over 200-fold selectivity for K Ca 2.2 compared to K Ca 2.1, K Ca 2.3, K Ca 3.1, K _v , and Kir2.1. Furthermore, Lei-Dab7 TFA enhances theta-burst responses and long-term potentiation (LTP) in rat hippocampal slices in vitro.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2852 mL	1.4261 mL	2.8522 mL
5 mM	0.057 mL	0.2852 mL	0.5704 mL
10 mM	0.0285 mL	0.1426 mL	0.2852 mL
50 mM	0.0057 mL	0.0285 mL	0.057 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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