

BeKm-1 TFA

Chemical Properties

CAS No. :

Formula: C176H262F3N51O54S6

Molecular Weight: 4205.67

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	BeKm-1 TFA is a potent, selective blocker of the KV11.1 (hERG) channel, demonstrating specificity for KV11.1 over 14 other potassium channels. This compound dose-dependently prolongs the QTc interval in isolated rabbit hearts, affirming its role as a selective inhibitor.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2378 mL	1.1889 mL	2.3777 mL
5 mM	0.0476 mL	0.2378 mL	0.4755 mL
10 mM	0.0238 mL	0.1189 mL	0.2378 mL
50 mM	0.0048 mL	0.0238 mL	0.0476 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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