

Chlorotoxin TFA

Chemical Properties

CAS No. :

Formula: C160H250F3N53O49S11

Molecular Weight: 4109.74

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	Chlorotoxin TFA, a peptide derived from the <i>Leiurus quinquestriatus</i> scorpion venom, functions as a chloride channel blocker [1] and exhibits anti-cancer activity [2].
Targets(IC50)	Others,Chloride channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2433 mL	1.2166 mL	2.4332 mL
5 mM	0.0487 mL	0.2433 mL	0.4866 mL
10 mM	0.0243 mL	0.1217 mL	0.2433 mL
50 mM	0.0049 mL	0.0243 mL	0.0487 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.

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