

BIM-23056 TFA

## Chemical Properties

CAS No. : 1426173-61-6  
 Formula: C73H82F3N11O11  
 Molecular Weight: 1346.49  
 Storage: Keep away from moisture  
 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	BIM 23056 TFA, a potent linear octapeptide antagonist of sst3 and sst5 somatostatin receptors, exhibits inhibition constants ( $K_i$ ) of 10.8 for sst3 and 5.7 for sst5, according to reference [1].
Targets(IC50)	Others,Somatostatin
In vitro	BIM 23056 TFA exhibits affinity for somatostatin receptors, with $K_i$ values of 142 nM at sst1, 16.6 nM at sst4, and >1000 nM at sst2 [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7427 mL	3.7134 mL	7.4267 mL
5 mM	0.1485 mL	0.7427 mL	1.4853 mL
10 mM	0.0743 mL	0.3713 mL	0.7427 mL
50 mM	0.0149 mL	0.0743 mL	0.1485 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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