

BA 1 TFA

Chemical Properties

CAS No. :

Formula: C59H77F3N14O13

Molecular Weight: 1247.32

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	BA 1 TFA acts as a potent agonist for the bombesin (BB) family of receptors, exhibiting high affinity binding to Bombesin receptor subtype-3 (BRS3), gastrin-releasing peptide receptor (GRPR), and neuromedin B receptor (NMBR), with IC50 values of 6, 0.4, and 2.5 nM, respectively [1].
Targets(IC50)	Bombesin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8017 mL	4.0086 mL	8.0172 mL
5 mM	0.1603 mL	0.8017 mL	1.6034 mL
10 mM	0.0802 mL	0.4009 mL	0.8017 mL
50 mM	0.016 mL	0.0802 mL	0.1603 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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