

M617 TFA

Chemical Properties

CAS No. :

Formula: C114H162F3N29O30

Molecular Weight: 2475.67

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	M617 TFA, a selective galanin receptor 1 (GAL1) agonist, exhibits dissociation constants (K _i s) of 0.23 nM for GAL1 and 5.71 nM for GAL2. Through activation of GAL1, M617 TFA enhances GLUT4 expression and content in the cardiac muscle of type 2 diabetic rats [1] [2].
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4039 mL	2.0197 mL	4.0393 mL
5 mM	0.0808 mL	0.4039 mL	0.8079 mL
10 mM	0.0404 mL	0.202 mL	0.4039 mL
50 mM	0.0081 mL	0.0404 mL	0.0808 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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