

Galantide TFA

Chemical Properties

CAS No. :

Formula: C106H152F3N25O28S

Molecular Weight: 2313.55

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	Galantide TFA, a reversible and non-specific antagonist of the galanin (GAL) receptor, demonstrates dose-dependent inhibition of galanin-induced K ⁺ conductance, exhibiting an IC ₅₀ value of 4 nM. It is utilized in neurological disease and hormone metabolism research [1] [2].
Targets(IC ₅₀)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4322 mL	2.1612 mL	4.3224 mL
5 mM	0.0864 mL	0.4322 mL	0.8645 mL
10 mM	0.0432 mL	0.2161 mL	0.4322 mL
50 mM	0.0086 mL	0.0432 mL	0.0864 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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