

Spexin TFA

Chemical Properties

CAS No. :

Formula: C76H115F3N20O21S

Molecular Weight: 1733.9

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	Spexin TFA, a potent agonist for galanin receptor 2/3 (GAL2/GAL3) with EC50 values of 45.7 and 112.2 nM respectively, shows no significant activity towards galanin receptor 1. As an endogenous peptide promoting satiety, it reduces long chain fatty acid uptake by adipocytes and lowers food consumption in diet-induced obese mice and rats. Additionally, it moderates LH secretion in goldfish and demonstrates anxiolytic effects in vivo.
Targets(IC50)	Apoptosis, Ferroptosis, Autophagy, Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5767 mL	2.8837 mL	5.7673 mL
5 mM	0.1153 mL	0.5767 mL	1.1535 mL
10 mM	0.0577 mL	0.2884 mL	0.5767 mL
50 mM	0.0115 mL	0.0577 mL	0.1153 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481