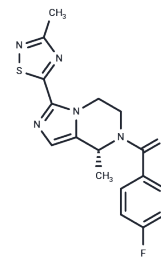


NK3R-IN-1

Chemical Properties

CAS No. : 2854331-14-7
 Formula: C17H16FN5OS
 Molecular Weight: 357.41
 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	NK3R-IN-1 (compound 16x), an orally active imidazolepiperazine derivative, functions as a Neurokinin Receptor NK3R inhibitor and has been demonstrated to reduce blood luteinizing hormone concentrations in an ovariectomy (OVX) model [1].
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7979 mL	13.9895 mL	27.9791 mL
5 mM	0.5596 mL	2.7979 mL	5.5958 mL
10 mM	0.2798 mL	1.399 mL	2.7979 mL
50 mM	0.056 mL	0.2798 mL	0.5596 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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