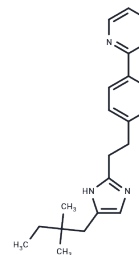


Bag-1

Chemical Properties

CAS No. :	1021937-07-4
Formula:	C ₂₂ H ₂₇ N ₃
Molecular Weight:	333.47
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	Bag-1 is a potent agonist of the BRS-3 receptor, with an EC ₅₀ of 2.5 nM for the mouse BRS-3 receptor.
Targets(IC50)	Bombesin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9988 mL	14.9939 mL	29.9877 mL
5 mM	0.5998 mL	2.9988 mL	5.9975 mL
10 mM	0.2999 mL	1.4994 mL	2.9988 mL
50 mM	0.060 mL	0.2999 mL	0.5998 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.

Reference

Chobanian HR, et, al. Discovery of MK-7725, A Potent, Selective Bombesin Receptor Subtype-3 Agonist for the Treatment of Obesity. ACS Med Chem Lett. 2012 Jan 21;3(3):252-6.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481