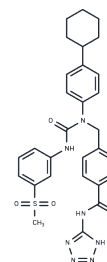


NNC-0640

Chemical Properties

CAS No. : 307986-98-7
 Formula: C₂₉H₃₁N₇O₄S
 Molecular Weight: 573.67
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	NNC-0640 is a negative allosteric modulator of Human Glucagon Receptor with an IC ₅₀ of 69.2 nM.
Targets(IC ₅₀)	Glucagon Receptor

Solubility Information

Solubility	DMSO: 25 mg/mL (43.58 mM), (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7432 mL	8.7158 mL	17.4316 mL
5 mM	0.3486 mL	1.7432 mL	3.4863 mL
10 mM	0.1743 mL	0.8716 mL	1.7432 mL
50 mM	0.0349 mL	0.1743 mL	0.3486 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.

Reference

Song G , Yang D , Wang Y , et al. Human GLP-1 receptor transmembrane domain structure in complex with allosteric modulators[J]. Nature, 2017.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481