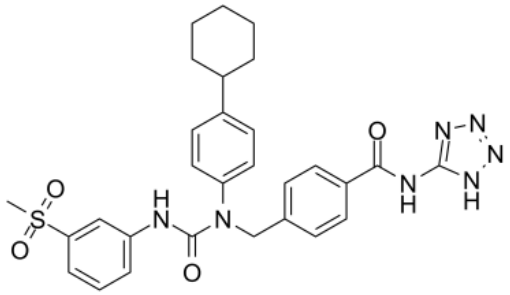
Product Data Sheet

Product Name: NNC-0640
Cat. No.: GC36753

Chemical Properties

Cas. No.	307986-98-7		
SMILES	O=C(NC1=NN=NN1)C2=CC=C(CN(C3=CC=C(C4CCCCC4)C=C3)C(NC5=CC=CC(S(=O)(C)=O)=C5)=O)C=C2		
Formula	$C_{29}H_{31}N_7O_4S$	M.Wt	573.67
Solubility	DMSO: 250 mg/mL (435.79 mM)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Product Data Sheet

NNC-0640 is a potent human G-protein-coupled glucagon receptor (GCGR) negative allosteric modulator (NAM) with an IC50 of 69.2 nM[1]. Human Glucagon Receptor [1]

[1]. Zhang H, et al. Structure of the full-length glucagon class B G-protein-coupled receptor. Nature. 2017 Jun 8;546(7657):259-264.

Caution: Product has not been fully validated for medical applications. For research use only.
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