

PF-06372222

Chemical Properties

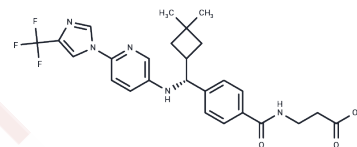
CAS No. : 1407592-99-7

Formula: C₂₆H₂₈F₃N₅O₃

Molecular Weight: 515.53

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	PF-06372222 is a small-molecule negative allosteric modulator of the glucagon receptor (GCGR). PF-06372222 is also an antagonist for glucagon-like peptide-1 receptor GLP-1R, which inhibits glucagon secretion and glucose-dependent insulin secretion.
Targets(IC50)	Others,Glucagon Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9398 mL	9.6988 mL	19.3975 mL
5 mM	0.388 mL	1.9398 mL	3.8795 mL
10 mM	0.194 mL	0.9699 mL	1.9398 mL
50 mM	0.0388 mL	0.194 mL	0.388 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

Song G, Yang D, Wang Y, de Graaf C, Zhou Q, Jiang S, Liu K, Cai X, Dai A, Lin G, Liu D, Wu F, Wu Y, Zhao S, Ye L, Han GW, Lau J, Wu B, Hanson MA, Liu ZJ, Wang MW, Stevens RC. Human GLP-1 receptor transmembrane domain structure in complex with allosteric modulators. *Nature*. 2017 Jun 8;546(7657):312-315. doi: 10.1038/nature22378. Epub 2017 May 17. PubMed PMID: 28514449.

Lu S, Zhang J. Small Molecule Allosteric Modulators of G-Protein-Coupled Receptors: Drug-Target Interactions. *J Med Chem*. 2018 Feb 26. doi: 10.1021/acs.jmedchem.7b01844. [Epub ahead of print] PubMed PMID: 29457894.

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