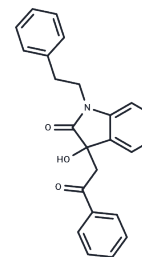


GLP-1R modulator C5

Chemical Properties

CAS No. :	421578-93-0
Formula:	C ₂₄ H ₂₁ NO ₃
Molecular Weight:	371.43
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	GLP-1R modulator C5 is a small molecule GLP-1R orthosteric modulator that enhances GLP-1 binding to GLP-1R via transmembrane sites and can be used in the study of type II diabetes.
Targets(IC50)	Glucagon Receptor

Solubility Information

Solubility	DMSO: 30 mg/mL (80.77 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6923 mL	13.4615 mL	26.923 mL
5 mM	0.5385 mL	2.6923 mL	5.3846 mL
10 mM	0.2692 mL	1.3461 mL	2.6923 mL
50 mM	0.0538 mL	0.2692 mL	0.5385 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

Wang J, et al. Allosteric Modulators Enhancing GLP-1 Binding to GLP-1R via a Transmembrane Site. ACS Chem Biol. 2021 Nov 19;16(11):2444-2452.

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