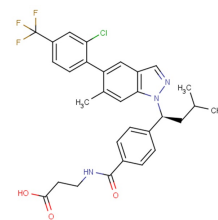


## Glucagon receptor antagonists-5

## Chemical Properties

CAS No.:	2200274-63-9
Formula:	C30H29ClF3N3O3
Molecular Weight:	572.02
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Glucagon receptor antagonists-5 is an orally bioavailable indazole-based glucagon receptor antagonist (K <sub>i</sub> : 32 nM). It has potential for the treatment of type 2 diabetes mellitus (T2DM).
Targets(IC <sub>50</sub> )	glucagon receptor(ki): ki:32 nM

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.748 mL	8.741 mL	17.482 mL
5 mM	0.35 mL	1.748 mL	3.496 mL
10 mM	0.175 mL	0.874 mL	1.748 mL
50 mM	0.035 mL	0.175 mL	0.35 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Xu G, et al. Discovery of potent and orally bioavailable indazole-based glucagon receptor antagonists for the treatment of type 2 diabetes. Bioorg Med Chem Lett. 2019 Oct 15;29(20):126668.

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