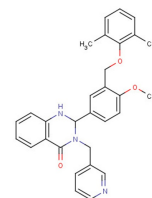


NCGC00229600

Chemical Properties

CAS No.:	1338824-20-6
Formula:	C30H29N3O3
Molecular Weight:	479.57
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	NCGC00229600 is an allosteric inverse thyrotropin receptor (TSHR) agonist.
Targets(IC ₅₀)	Others: None

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	2.085 mL	10.426 mL	20.852 mL
5 mM	0.417 mL	2.085 mL	4.17 mL
10 mM	0.209 mL	1.043 mL	2.085 mL
50 mM	0.042 mL	0.209 mL	0.417 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. Neumann S, et al. A new small-molecule antagonist inhibits Graves' disease antibody activation of the TSH receptor. J Clin Endocrinol Metab. 2011 Feb;96(2):548-54.

Inhibitors · Natural Compounds · Compound Libraries

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