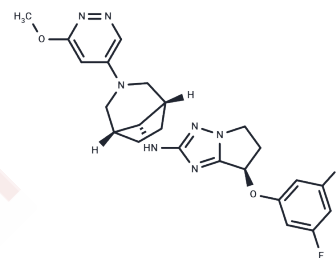


Nivegaceton

Chemical Properties

CAS No. :	2443487-67-8
Formula:	C ₂₃ H ₂₅ F ₂ N ₇ O ₂
Molecular Weight:	469.49
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	Nivegaceton(RG6289) is a selective and orally administrable γ -secretase regulator that can affect the production of amyloid- β in cerebrospinal fluid and can be used for the study of Alzheimer's disease.
Targets(IC50)	Beta Amyloid,Gamma-secretase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.130 mL	10.6499 mL	21.2997 mL
5 mM	0.426 mL	2.130 mL	4.2599 mL
10 mM	0.213 mL	1.065 mL	2.130 mL
50 mM	0.0426 mL	0.213 mL	0.426 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

Mueggler T, et al. Pharmacodynamic effect of a new γ -secretase modulator, RG6289, on CSF amyloid- β peptides in a randomized Phase I study. *Alzheimers Dement.* 2025;20(Suppl 8):e095213.

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