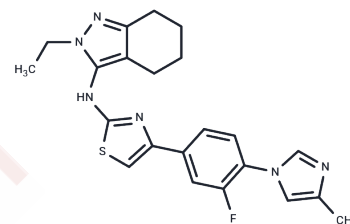


$\gamma$ -Secretase modulator 13

## Chemical Properties

CAS No. :	1353570-40-7
Formula:	C <sub>22</sub> H <sub>23</sub> FN <sub>6</sub> S
Molecular Weight:	422.52
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	$\gamma$ -Secretase modulator 13 is a $\gamma$ -secretase modulator (GSMs) that inhibits the production of amyloid $\beta$ -peptide A $\beta$ 42 and can be used to study Alzheimer's disease and tumors.
Targets(IC50)	Beta Amyloid,Gamma-secretase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3668 mL	11.8338 mL	23.6675 mL
5 mM	0.4734 mL	2.3668 mL	4.7335 mL
10 mM	0.2367 mL	1.1834 mL	2.3668 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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

Kevin D Rynearson, et al. Design and synthesis of novel methoxypyridine-derived gamma-secretase modulators. Bioorg Med Chem. 2020 Nov 15;28(22):115734.

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