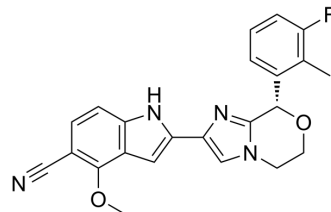


γ-Secretase modulator 4

Cat. No.:	HY-128581		
CAS No.:	1420200-82-3		
Molecular Formula:	C ₂₃ H ₁₉ FN ₄ O ₂		
Molecular Weight:	402.42		
Target:	γ-secretase		
Pathway:	Neuronal Signaling; Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (248.50 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4850 mL	12.4248 mL	24.8497 mL
5 mM	0.4970 mL	2.4850 mL	4.9699 mL
10 mM	0.2485 mL	1.2425 mL	2.4850 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

γ-Secretase modulator 4 is a potent γ-secretase modulator, reduces the Aβ₄₂ level with IC₅₀s of 0.014 μM and 0.017 μM in human and mouse, respectively^[1].

IC₅₀ & Target

IC₅₀: 0.014 μM (Aβ₄₂, human), 0.017 μM (Aβ₄₂, mouse)^[1]

REFERENCES

[1]. Bischoff FP, et al. Design and synthesis of a novel series of cyanoindole derivatives as potent γ-secretase modulators. *Bioorg Med Chem Lett*. 2019 Jul 15;29(14):1737-1745.

Caution: Product has not been fully validated for medical applications. For research use only.

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