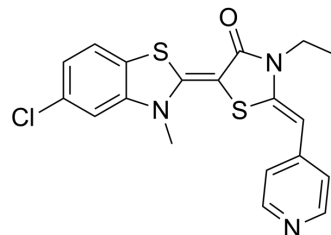


JG-23

Cat. No.:	HY-153822		
CAS No.:	2640819-75-4		
Molecular Formula:	C ₁₉ H ₁₆ ClN ₃ OS ₂		
Molecular Weight:	401.93		
Target:	Tau Protein		
Pathway:	Neuronal Signaling		
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 : 4.55 mg/mL (11.32 mM; ultrasonic and warming and heat to 160°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4880 mL	12.4400 mL	24.8800 mL
5 mM	0.4976 mL	2.4880 mL	4.9760 mL
10 mM	0.2488 mL	1.2440 mL	2.4880 mL

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

BIOLOGICAL ACTIVITY

Description

JG-23 is a 4-chloro modified analog with ability to promote t-tau degradation. JG-23 exhibits good metabolic stability with a long T_{1/2} value (36 min) in mouse liver microsome assays^[1].

REFERENCES

[1]. Shao H, et al. Inhibitors of heat shock protein 70 (Hsp70) with enhanced metabolic stability reduce tau levels. *Bioorg Med Chem Lett.* 2021 Jun 1;41:128025.

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

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