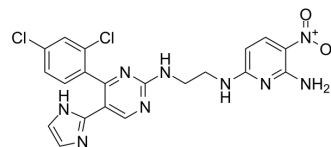


CHIR 98024

Cat. No.:	HY-107815		
CAS No.:	556813-39-9		
Molecular Formula:	C ₂₀ H ₁₇ Cl ₂ N ₉ O ₂		
Molecular Weight:	486.31		
Target:	GSK-3		
Pathway:	PI3K/Akt/mTOR; 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 : 125 mg/mL (257.04 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		2.0563 mL	10.2815 mL	20.5630 mL
5 mM		0.4113 mL	2.0563 mL	4.1126 mL
10 mM		0.2056 mL	1.0282 mL	2.0563 mL

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

BIOLOGICAL ACTIVITY

Description

CHIR 98024 (Compound L) is a glycogen synthase kinase 3 (GSK3) inhibitor with an EC₅₀ of 0.2566 μM^[1].

IC₅₀ & Target

GSK-3
0.2566 μM (EC50)

REFERENCES

[1]. Stephen D. Harrison, et al. Methods and compositions for the treatment of ischemia. WO2003074072A1.

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

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