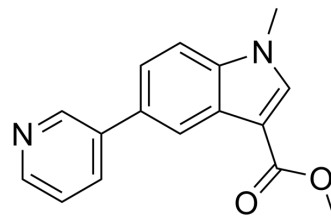


Nurr1 inverse agonist-1

Cat. No.:	HY-132909		
CAS No.:	2758673-07-1		
Molecular Formula:	C ₁₆ H ₁₄ N ₂ O ₂		
Molecular Weight:	266.29		
Target:	Nuclear Hormone Receptor 4A/NR4A		
Pathway:	Vitamin D Related/Nuclear Receptor		
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 (375.53 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.7553 mL	18.7765 mL	37.5530 mL
		5 mM	0.7511 mL	3.7553 mL	7.5106 mL
10 mM		0.3755 mL	1.8777 mL	3.7553 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (9.39 mM); Clear solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (9.39 mM); Clear solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (9.39 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Nurr1 inverse agonist-1 is an inverse agonist tool for the neuroprotective transcription factor Nurr1.
IC ₅₀ & Target	Nurr1/NR4A2

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA