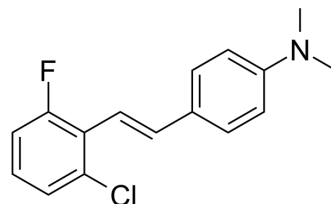


MAT2A inhibitor 4

Cat. No.:	HY-139536		
CAS No.:	1391934-91-0		
Molecular Formula:	C ₁₆ H ₁₅ ClFN		
Molecular Weight:	275.75		
Target:	Others		
Pathway:	Others		
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 : 250 mg/mL (906.62 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		3.6265 mL	18.1324 mL	36.2647 mL
5 mM			0.7253 mL	3.6265 mL	7.2529 mL	
		10 mM		0.3626 mL	1.8132 mL	3.6265 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (7.54 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (7.54 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (7.54 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	MAT2A inhibitor 4 is an inhibitor of the catalytic subunit of methionine S-adenosyltransferase-2 (MAT2A). MAT2A inhibitor 4 can be used for the research of cancer ^[1] .
IC₅₀ & Target	MAT2A ^[1]
In Vitro	MAT2A inhibitor 4 is an inhibitor of the catalytic subunit of methionine S-adenosyltransferase-2 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sviripa VM, et al. 2',6'-Dihalostyrylanilines, pyridines, and pyrimidines for the inhibition of the catalytic subunit of methionine S-adenosyltransferase-2. J Med Chem. 2014;57(14):6083-6091.

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