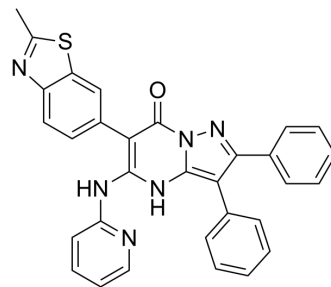


MAT2A inhibitor 1

Cat. No.:	HY-112131		
CAS No.:	2201057-10-3		
Molecular Formula:	C ₃₁ H ₂₂ N ₆ OS		
Molecular Weight:	527		
Target:	Methionine Adenosyltransferase (MAT)		
Pathway:	Epigenetics; Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (9.49 mM; Need ultrasonic and warming)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8975 mL	9.4877 mL	18.9753 mL
	5 mM	0.3795 mL	1.8975 mL	3.7951 mL
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description	MAT2A inhibitor 1 is a methionine adenosyltransferase 2A (MATA2) inhibitor with an IC ₅₀ less than 100 nM ^[1] .
IC₅₀ & Target	MATA2 ^[1]
In Vitro	MAT2A inhibitor 1 (Compound 196) is a safe and effective compound that prevents and manages cancers while reducing or avoiding the toxicities and/or side effects associated with the conventional therapies. The cancers include those that are refractory to standard treatments, such as surgery, radiation therapy, chemotherapy and hormonal therapy ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Zenon D, et al. Inhibitors of cellular metabolic processes. 08 March 2018. WO2018045071A1.

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

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