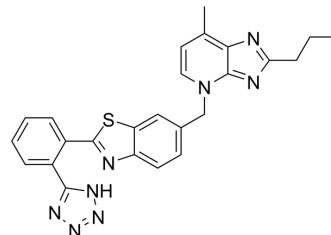


AS1134900

Cat. No.:	HY-150621		
CAS No.:	149760-98-5		
Molecular Formula:	C ₂₅ H ₂₂ N ₈ S		
Molecular Weight:	466.56		
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 : 50 mg/mL (107.17 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1433 mL	10.7167 mL	21.4335 mL
5 mM	0.4287 mL	2.1433 mL	4.2867 mL
10 mM	0.2143 mL	1.0717 mL	2.1433 mL

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

BIOLOGICAL ACTIVITY

Description

AS1134900 is a highly selective, allosteric and uncompetitive NADP⁺-dependent malic enzyme 1 (ME1) inhibitor^[1].

IC₅₀ & Target

ME1^[1]

REFERENCES

[1]. Yoshida T, et al. Discovery and Characterization of a Novel Allosteric Small-Molecule Inhibitor of NADP⁺-Dependent Malic Enzyme 1. *Biochemistry*. 2022 Jul 12.

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

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