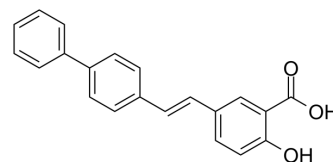


Glutathione synthesis-IN-1

Cat. No.:	HY-144868
CAS No.:	2632968-72-8
Molecular Formula:	C ₂₁ H ₁₆ O ₃
Molecular Weight:	316.35
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (158.05 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	
				5 mg	
				10 mg	
				10 mg	
			1 mg	5 mg	10 mg
	1 mM		3.1611 mL	15.8053 mL	31.6106 mL
	5 mM		0.6322 mL	3.1611 mL	6.3221 mL
	10 mM		0.3161 mL	1.5805 mL	3.1611 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.90 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Glutathione synthesis-IN-1 (DC-1) is a glutathione synthesis inhibitor ^[1] .
In Vivo	<p>☒☒☒☒☒☒☒☒</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Hans-René BJØRSVIK, et al. Therapy. WO2021058979A1.

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

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