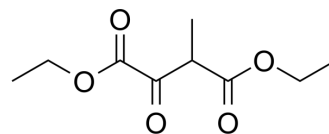


Diethyl oxalpropionate

Cat. No.:	HY-128720		
CAS No.:	759-65-9		
Molecular Formula:	C ₉ H ₁₄ O ₅		
Molecular Weight:	202.2		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-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 (494.56 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.9456 mL	24.7280 mL	49.4560 mL
	5 mM	0.9891 mL	4.9456 mL	9.8912 mL
	10 mM	0.4946 mL	2.4728 mL	4.9456 mL

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

BIOLOGICAL ACTIVITY

Description

Diethyl oxalpropionate is an intermediate for poly((R,S)-3,3-dimethylmalic acid) (PDMMLA) derivative synthesis. PDMMLA derivative can be used in synthesis of nanoparticles and study of warfarin encapsulation and controlled release^[1].

REFERENCES

[1]. Inès Msolli, et al. Synthesis of nanoparticles based on PDMMLA derivative copolymers and study of warfarin encapsulation and controlled release. RSC Advances. Issue 11, 2017.

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

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