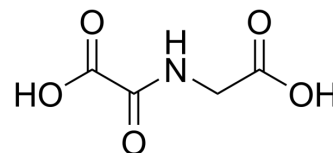


N-Oxalylglycine

Cat. No.:	HY-12315
CAS No.:	5262-39-5
Molecular Formula:	C ₄ H ₅ NO ₅
Molecular Weight:	147.09
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (679.86 mM; Need ultrasonic)
DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		6.7986 mL	33.9928 mL	67.9856 mL
	5 mM		1.3597 mL	6.7986 mL	13.5971 mL
	10 mM		0.6799 mL	3.3993 mL	6.7986 mL

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

BIOLOGICAL ACTIVITY

Description

N-Oxalylglycine (N-Oxaloglycine) is a broad-spectrum 2-oxoglutarate oxygenase inhibitor. N-Oxalylglycine can be used in studies on the hypoxic response and chromatin modifications in animals^{[1][1]}.

REFERENCES

[1]. Khalid Al-Qahtani, et al. The broad spectrum 2-oxoglutarate oxygenase inhibitor N-oxalylglycine is present in rhubarb and spinach leaves. Phytochemistry. 2015 Sep;117:456-461.

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

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