



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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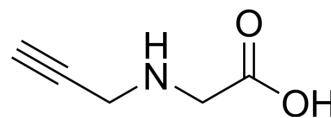
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N-Propargylglycine

Cat. No.:	HY-142035
CAS No.:	58160-95-5
Molecular Formula:	C ₅ H ₇ NO ₂
Molecular Weight:	113.11
Target:	Others
Pathway:	Others
Storage:	Store at room temperature, keep dry and cool
	In solvent -80°C 2 years
	-20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 8.33 mg/mL (73.65 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	8.8410 mL	44.2048 mL	88.4095 mL
	5 mM	1.7682 mL	8.8410 mL	17.6819 mL
	10 mM	0.8841 mL	4.4205 mL	8.8410 mL

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

BIOLOGICAL ACTIVITY

Description

N-Propargylglycine is an orally active irreversible inhibitor of proline dehydrogenase (PRODH). N-Propargylglycine has antitumor activity and can be used in the study of neurodegenerative diseases^[1].

REFERENCES

[1]. Scott GK, et al. N-Propargylglycine: a unique suicide inhibitor of proline dehydrogenase with anticancer activity and brain-enhancing mitohormesis properties. *Amino Acids*. 2021 Dec;53(12):1927-1939.

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

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