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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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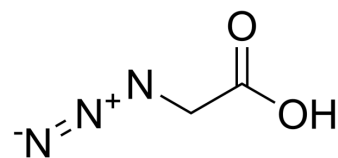
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Azidoacetic Acid

Cat. No.:	HY-151719
CAS No.:	18523-48-3
Molecular Formula:	C ₂ H ₃ N ₃ O ₂
Molecular Weight:	101.06
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
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

H₂O : 175 mg/mL (1731.64 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	9.8951 mL	49.4756 mL	98.9511 mL
	5 mM	1.9790 mL	9.8951 mL	19.7902 mL
	10 mM	0.9895 mL	4.9476 mL	9.8951 mL

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

BIOLOGICAL ACTIVITY

Description

Azidoacetic Acid (2-Azidoacetic acid) (compound 92-1) is a click chemistry reagent containing an azide group. Azidoacetic Acid can be used as a small molecule tool for the synthesis of PROTAC^[1]. It contains an azide group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing alkyne groups. It can also undergo ring strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.

REFERENCES

[1]. Ma Xin et al. Class of novel Smad3 protein degraders and application. Patent WO2022148459A1.

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

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