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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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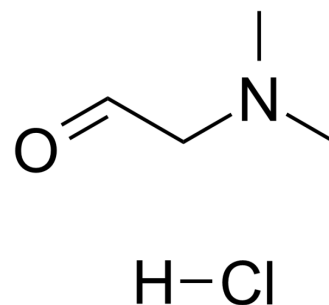
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2-(Dimethylamino)acetaldehyde hydrochloride

Cat. No.:	HY-100061A
CAS No.:	125969-54-2
Molecular Formula:	C ₄ H ₁₀ ClNO
Molecular Weight:	123.58
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 62.5 mg/mL (505.75 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		8.0919 mL	40.4596 mL	80.9192 mL
		5 mM		1.6184 mL	8.0919 mL	16.1838 mL
		10 mM		0.8092 mL	4.0460 mL	8.0919 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (404.60 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	2-(Dimethylamino)acetaldehyde hydrochloride can be used to synthesis Muscarine analogues ^[1] .
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REFERENCES

[1]. Kenneth Bowden, et al. The Synthesis of Some Compounds related to Muscarine. Royal Society of Chemistry. 1978.

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

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