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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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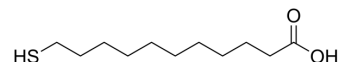
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11-Mercaptoundecanoic acid

Cat. No.:	HY-W014069
CAS No.:	71310-21-9
Molecular Formula:	C ₁₁ H ₂₂ O ₂ S
Molecular Weight:	218.36
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 200 mg/mL (915.92 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	4.5796 mL	22.8980 mL	45.7959 mL
		5 mM	0.9159 mL	4.5796 mL	9.1592 mL
		10 mM	0.4580 mL	2.2898 mL	4.5796 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (11.45 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (11.45 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	11-Mercaptoundecanoic acid (11-Thioundecanoic acid; MUA; MUDA) is a biochemical reagent that can be used as a biological material or organic compound for life science related research ^[1] .
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REFERENCES

[1]. Bergmeyer H U, et al. Biochemical reagents[M]//Methods of Enzymatic Analysis. Academic Press, 1965: 967-1037.

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

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