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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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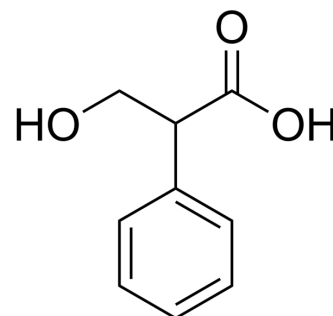
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Tropic acid

Cat. No.:	HY-W041194		
CAS No.:	552-63-6		
Molecular Formula:	C ₉ H ₁₀ O ₃		
Molecular Weight:	166.18		
Target:	Drug Intermediate		
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 (1203.54 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		6.0177 mL	30.0886 mL	60.1772 mL
		5 mM		1.2035 mL	6.0177 mL	12.0354 mL
		10 mM		0.6018 mL	3.0089 mL	6.0177 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: ≥ 2.08 mg/mL (12.52 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (12.52 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (12.52 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tropic acid (DL-Tropic acid) is a laboratory reagent used in the chemical synthesis of Atropine and Hyoscyamine ^[1] .
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REFERENCES

[1]. Maria Gadzikowska, et al. Tropane Alkaloids in Pharmaceutical and Phytochemical Analysis. Acta Pol Pharm. Mar-Apr 2002;59(2):149-60.

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

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