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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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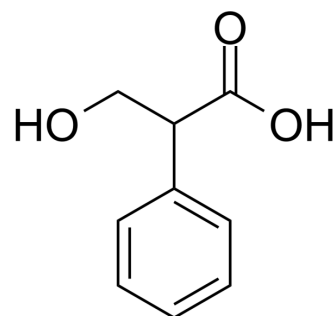
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Tropic acid

| | | | |
|---------------------------|---|-------|----------|
| Cat. No.: | HY-W041194 | | |
| CAS No.: | 552-63-6 | | |
| Molecular Formula: | C ₉ H ₁₀ O ₃ | | |
| Molecular Weight: | 166.17 | | |
| Target: | Others | | |
| 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 : 250 mg/mL (1504.48 mM; Need ultrasonic)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 6.0179 mL | 30.0897 mL | 60.1793 mL |
| | 5 mM | 1.2036 mL | 6.0179 mL | 12.0359 mL |
| | 10 mM | 0.6018 mL | 3.0090 mL | 6.0179 mL |

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

In Vivo

- 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
- 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
- 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].

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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