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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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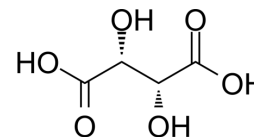
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DL-Tartaric acid

Cat. No.:	HY-Y1315		
CAS No.:	133-37-9		
Molecular Formula:	C ₄ H ₆ O ₆		
Molecular Weight:	150.09		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



Relative stereochemistry

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (666.27 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.6627 mL	33.3133 mL	66.6267 mL
	5 mM	1.3325 mL	6.6627 mL	13.3253 mL
	10 mM	0.6663 mL	3.3313 mL	6.6627 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: ≥ 2.5 mg/mL (16.66 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (16.66 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (16.66 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

DL-Tartaric acid is a non-racemic mixture of L- and D-tartaric acids with antioxidant activities^{[1][2]}.

CUSTOMER VALIDATION

- Pharmaceutical Fronts. 2021; 03(04): e194-e199.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Mathias Ibert, et al. Determination of the side-products formed during the nitroxide-mediated bleach oxidation of glucose to glucaric acid. Carbohydr Res. 2002 Jun 5;337(11):1059-63.

[2]. Thirada Piyanan, et al. An Instrument-free Detection of Antioxidant Activity Using Paper-based Analytical Devices Coated with Nanoceria. Anal Sci. 2018;34(1):97-102.

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

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