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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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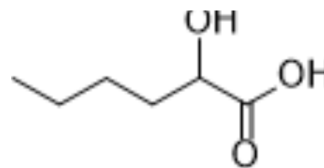
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2-Hydroxyhexanoic acid

Cat. No.:	HY-75954
CAS No.:	6064-63-7
Molecular Formula:	C ₆ H ₁₂ O ₃
Molecular Weight:	132.16
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (756.66 mM)
 DMSO : ≥ 100 mg/mL (756.66 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		7.5666 mL	37.8329 mL	75.6659 mL
	5 mM		1.5133 mL	7.5666 mL	15.1332 mL
	10 mM		0.7567 mL	3.7833 mL	7.5666 mL

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

In Vivo

- Add each solvent one by one: PBS
Solubility: 100 mg/mL (756.66 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (18.92 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (18.92 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (18.92 mM); Clear solution

BIOLOGICAL ACTIVITY

Description	2-Hydroxyhexanoic acid is an endogenous metabolite.	
IC ₅₀ & Target	Microbial Metabolite	Human Endogenous Metabolite

CUSTOMER VALIDATION

- Cell Mol Life Sci. 2024 Jan 22;81(1):50.
- Laurea Magistrale in Biomedical Engineering, Politecnico di Milano. 2019 Jun.

See more customer validations on www.MedChemExpress.com

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

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