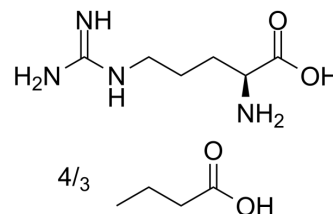


L-Arginine butanoate

Cat. No.:	HY-N0455D		
CAS No.:	80407-72-3		
Molecular Formula:	C ₆ H ₁₄ N ₄ O ₂ ·4/3C ₄ H ₈ O ₂		
Molecular Weight:	291.67		
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

H₂O : 100 mg/mL (342.85 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.4285 mL	17.1427 mL	34.2853 mL
5 mM	0.6857 mL	3.4285 mL	6.8571 mL
10 mM	0.3429 mL	1.7143 mL	3.4285 mL

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

BIOLOGICAL ACTIVITY

Description

L-Arginine butanoate ((S)-(+)-Arginine butanoate) is a compound consisting of L-Arginine and butanoate. L-Arginine is one of the essential nutrients in the human body and participates in various biochemical processes. Butanoate is a short-chain fatty acid commonly used as a food additive and solvent in pharmaceutical formulations^[1].

CUSTOMER VALIDATION

- Nat Protoc. 2021 Jan;16(1):431-457.
- Nutrients. 2023 Oct 18, 15(20), 4427.
- Viruses. 2021 Jun 26;13(7):1236.
- Dig Dis Sci. 2022 Jul 4.
- Pancreas. 2020 Jan;49(1):111-119.

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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