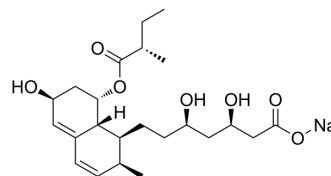


Pravastatin sodium (Standard)

Cat. No.:	HY-B0165AR
CAS No.:	81131-70-6
Molecular Formula:	C ₂₃ H ₃₅ NaO ₇
Molecular Weight:	446.51
Target:	HMG-CoA Reductase (HMGCR); Autophagy; Ferroptosis
Pathway:	Metabolic Enzyme/Protease; Autophagy; Apoptosis
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (223.96 mM; Need ultrasonic)
H₂O : ≥ 50 mg/mL (111.98 mM)
* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2396 mL	11.1980 mL	22.3959 mL
	5 mM	0.4479 mL	2.2396 mL	4.4792 mL
	10 mM	0.2240 mL	1.1198 mL	2.2396 mL

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

BIOLOGICAL ACTIVITY

Description

Pravastatin (sodium) (Standard) is the analytical standard of Pravastatin (sodium). This product is intended for research and analytical applications. Pravastatin sodium (CS-514 sodium) is an HMG-CoA reductase inhibitor against sterol synthesis with IC₅₀ of 5.6 μM.

CUSTOMER VALIDATION

- Cell Syst. 2018 Apr 25;6(4):424-443.e7.
- Front Cell Dev Biol. 2022 Mar 3;10:806081.
- Research Square Preprint. 2022 Feb.

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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