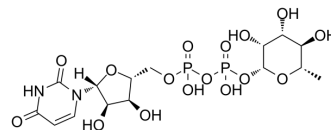


UDP-rhamnose

Cat. No.:	HY-N10573
CAS No.:	1955-26-6
Molecular Formula:	C ₁₅ H ₂₄ N ₂ O ₁₆ P ₂
Molecular Weight:	550.3
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 10 mg/mL (18.17 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8172 mL	9.0860 mL	18.1719 mL
	5 mM	0.3634 mL	1.8172 mL	3.6344 mL
	10 mM	0.1817 mL	0.9086 mL	1.8172 mL

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

BIOLOGICAL ACTIVITY

Description

UDP-rhamnose is one of the substrates for pectin synthesis in cell wall. UDP-rhamnose can be identified in fungi, it is one of the most common sugar donor in plants^[1].

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Martinez V, et al. Biosynthesis of UDP-4-keto-6-deoxyglucose and UDP-rhamnose in pathogenic fungi *Magnaporthe grisea* and *Botryotinia fuckeliana*. *J Biol Chem*. 2012 Jan 6;287(2):879-92.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA