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**Product Data Sheet**

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Product Name: UDP-rhamnose

Cat. No.: GC70088

**Chemical Properties**

Cas. No. 1955-26-6

Formula  $C_{15}H_{24}N_2O_{16}P_2$ 

M.Wt 550.3

Solubility H<sub>2</sub>O : 10 mg/mL (18.17 mM; Need ultrasonic)

Storage 4°C, protect from light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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<sup>[1]</sup>.

[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.**

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