

Product Data Sheet

Product Name: Uridine 5'-diphosphoxylose sodium salt

Cat. No.: GD23360

Chemical Properties

Cas. No. 108320-89-4

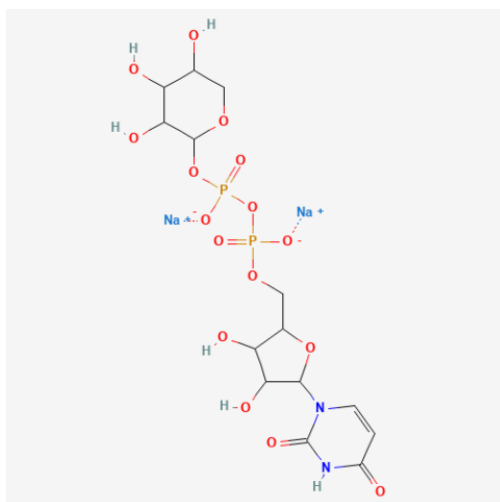
Formula M.Wt

Solubility H₂O : 100 mg/mL (172.34 mM; Need ultrasonic) Storage -20°C

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-xylose disodium is a natural product that could be isolated from *Cryptococcus laurentii* (N RRL Y-1401). UDP-xylose disodium is a sugar donor for the synthesis of glycoproteins, polysaccharides, various metabolites, and oligosaccharides in plants, vertebrates, and fungi..

[1]. ANKEL H, et, al. ISOLATION OF UDP-D-XYLOSE FROM CRYPTOCOCCUS LAURENTII (NRRL Y-1401). *Biochim Biophys Acta*. 1964 Aug 19;90:397-9.

[2]. Pattathil S, et al. Biosynthesis of UDP-xylose: characterization of membrane-bound AtUxs2.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Planta. 2005 Jun;221(4):538-48.

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