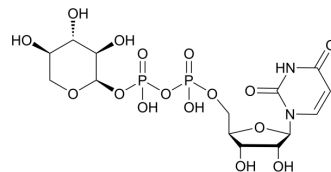


UDP-xylose

Cat. No.:	HY-N11287
CAS No.:	3616-06-6
Molecular Formula:	C ₁₄ H ₂₂ N ₂ O ₁₆ P ₂
Molecular Weight:	536.28
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

UDP-xylose is a natural product that could be isolated from *Cryptococcus laurentii* (NRRL Y-1401). UDP-xylose is a sugar donor for the synthesis of glycoproteins, polysaccharides, various metabolites, and oligosaccharides in plants, vertebrates, and fungi^{[1][2]}.

REFERENCES

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

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

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