

Uridine diphosphate glucuronic acid ammonium

Chemical Properties

CAS No. : 43195-60-4

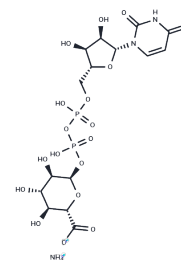
Formula: C₁₅H₂₁N₂O₁₈P₂ xNH₄

Molecular Weight:

Keep away from moisture, Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Uridine diphosphate glucuronic acid ammonium (UDP- α -D-glucuronic acid ammonium) is a precursor of many plant cell wall polysaccharides and is required for the production of seed mucilage. Uridine diphosphate glucuronic acid ammonium is a precursor of pathogenic fungi. ammonium is a key metabolite for pod polysaccharide synthesis in the pathogenic fungus <i>Cryptococcus neoformans</i> .
Targets(IC50)	Endogenous Metabolite

Reference

Annika J E Borg, et al. Mechanistic characterization of UDP-glucuronic acid 4-epimerase. FEBS J. 2021 Feb;288(4): 1163-1178.

DUTTON GJ. Uridine diphosphate glucuronic acid as glucuronyl donor in the synthesis of ester, aliphatic and steroid glucuronides. Biochem J. 1956 Dec;64(4):693-701.

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