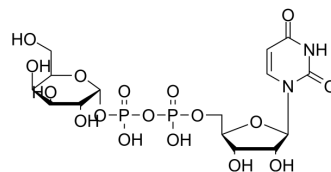


UDP-Galactose

Cat. No.:	HY-150524
CAS No.:	2956-16-3
Molecular Formula:	C ₁₅ H ₂₄ N ₂ O ₁₇ P ₂
Molecular Weight:	566.3
Target:	Endogenous Metabolite; P2Y Receptor
Pathway:	Metabolic Enzyme/Protease; GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	UDP-Galactose is a monosaccharide involved in nucleotide sugar metabolism. UDP-Galactose and its derivatives act as a natural agonist for G _i protein-conjugated P2Y ₁₄ receptors in the immune system (IC ₅₀ =0.67 μM, hP2Y ₁₄) ^[1] .	
IC₅₀ & Target	Human Endogenous Metabolite	P2Y ₁₄ Receptor 0.67 μM (EC ₅₀)

REFERENCES

[1]. Ko H, et al. Structure-activity relationship of uridine 5'-diphosphoglucose analogues as agonists of the human P2Y₁₄ receptor. J Med Chem. 2007 May 3;50(9):2030-9.

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

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