

Product Information

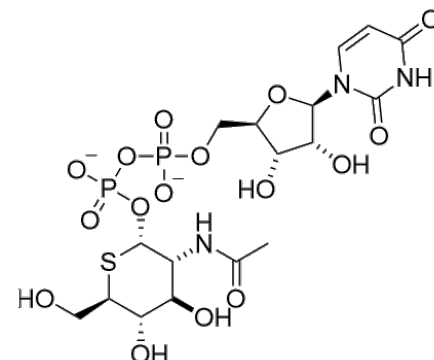
UDP-5SGlcNac, Purity $\geq 95\%$

Cat. No.: X25-11-YM145

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: 5SGlcNac-UDP

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	UDP-5SGlcNac is a UDP- <i>N</i> -acetylglucosamine derivative with a sulfur substitution at the 5-position (5-thio-GlcNac), and it is used to study glycosidase mechanisms and as a metabolic inhibitor.
Molecular Weight	621.04
Molecular Formula	C ₁₇ H ₂₅ N ₃ O ₁₆ P ₂ S
Form	Solid or powder
Purity	$\geq 95\%$
Impurities	No visible impurities to the naked eye.
Solubility	This product is soluble in most organic solvents, such as DCM, DMF, DMSO, and THF, and exhibits excellent solubility in water.
Identity	Confirmed by NMR.
Stability	It is stable under its storage temperature.
Quality Level	Research level
Applications	UDP-5SGlcNac can serve as a stable analog for studying enzymatic mechanisms of glycosyltransferases.
Storage	Store at -20°C, protect from light and moisture.