

Product Information

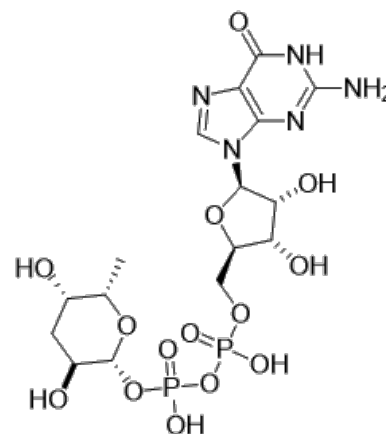
L-Colitose-GDP, Purity $\geq 95\%$

Cat. No.: X25-11-YM117

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

Synonym: GDP-L-colitose

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



Product Information

Description	L-Colitose-GDP is GDP conjugated to L-colitose, a rare deoxy sugar, and it is utilized as a substrate in the study of glycosylation pathways in certain pathogenic bacteria.
Molecular Weight	573.34
Molecular Formula	$C_{16}H_{25}N_5O_{14}P_2$
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	L-Colitose-GDP can be used to study the biosynthesis of rare deoxy sugars in bacterial lipopolysaccharide formation.
Storage	Store at -20°C , protect from light and moisture.