

(2S,3R,4S,5S,6R)-2-(((1S,2S,3R,4S,6R)-2-Acetoxy-3-(((2R,3R,5S,6R)-5-acetoxy-3-azido-6-(((tert-butoxycarbonyl)amino)methyl)tetrahydro-2H-pyran-2-yl)oxy)-4,6-diazidocyclohexyl)oxy)-6-(acetoxymethyl)-4-azidotetrahydro-2H-pyran-3,5-diyl Diacetate

Art. ID TRC-A164130-100MG

Unit 100 mg

Delivery details to be checked

Description

Application Note:

(2S,3R,4S,5S,6R)-2-(((1S,2S,3R,4S,6R)-2-Acetoxy-3-(((2R,3R,5S,6R)-5-acetoxy-3-azido-6-(((tert-butoxycarbonyl)amino)methyl)tetrahydro-2H-pyran-2-yl)oxy)-4,6-diazidocyclohexyl)oxy)-6-(acetoxymethyl)-4-azidotetrahydro-2H-pyran-3,5-diyl Diacetate is an intermediate used in the synthesis of O-3-Amino-3-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 6)-O-[2,6-diamino-2,3,4,6-tetradeoxy- α -D-glycero-hex-4-enopyranosyl-(1 $\rightarrow$ 4)]-2-deoxy-D-streptamine (A604395), which is an impurity of Tobramycin (T524000), a single factor antibiotic comprising about 10% of nebramycin, the aminoglycosidic antibiotic complex produced by *Streptomyces tenebrarius*.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(2S,3R,4S,5S,6R)-2-(((1S,2S,3R,4S,6R)-2-Acetoxy-3-(((2R,3R,5S,6R)-5-acetoxy-3-azido-6-(((tert-butoxycarbonyl)amino)methyl)tetrahydro-2H-pyran-2-yl)oxy)-4,6-diazidocyclohexyl)oxy)-6-(acetoxymethyl)-4-azidotetrahydro-2H-pyran-3,5-diyl Diacetate					