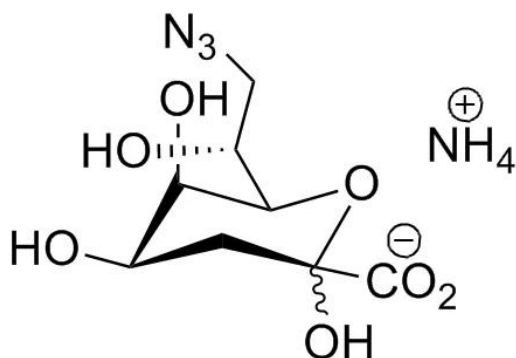


KDO AZIDE

SKU: CCT-1241



Description

8-Azido-3,8-dideoxy-D-manno-octulosonic acid (Kdo Azide) is an analogue of the natural 3-deoxy-D-manno-octulosonic acid (Kdo) that contains a very small modification, specifically an azido moiety. This molecule can be incorporated by cultured cells (Gram-negative Bacteria, for example) and incorporated into glycans (LPS, for example) during active glycan biosynthesis. Detection utilizes the chemoselective ligation or “click” reaction between an azide and an alkyne or cyclooctyne.

Specifications

Unit Size	10 mg, 25 mg, 100 mg
Molecular weight	280.24
Chemical composition	C ₈ H ₁₆ N ₄ O ₇
CAS	1380099-68-2
Solubility	DMSO, DMF, Water
Purity	>90%
Appearance	White lyophilized powder
Storage Conditions	-20°C.
Shipping Conditions	Ambient temperature

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