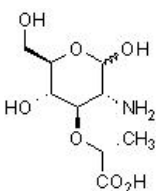


Product datasheet

Muramic acid, cell wall component ab145025

Overview

Product name	Muramic acid, cell wall component
Description	Bacterial cell wall component.
Biological description	Amino sugar found (as the N-acetyl derivative) in peptidoglycan, the main skeletal component of the bacterial cell wall of Gram negative and Gram positive bacteria. Used as a chemical marker for the detection of bacterial contamination.
CAS Number	1114-41-6
Chemical structure	

Properties

Chemical name	(R)-2-Amino-3-O-(1-carboxyethyl)-2-deoxy-D-glucose
Molecular weight	251.23
Molecular formula	C ₉ H ₁₇ NO ₇
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Ethanol, Water
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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