Product datasheet

N-Acetyl-D-glucosamine, N-Acetyl derivative of glucosamine ab146227

Overview

Product name: N-Acetyl-D-glucosamine, N-Acetyl derivative of glucosamine

Description: N-Acetyl derivative of glucosamine

Biological description: Monosaccharide derivative of glucose found in polymers of bacterial cell walls, chitin, hyaluronic acids and various glycans. Used to identify, differentiate and characterize N-acetyl-β-D-hexoaminidase(s).

Purity: >98%

CAS Number: 7512-17-6

Chemical structure:

![Chemical structure of N-Acetyl-D-glucosamine](image)

Properties

Chemical name: 2-(Acetamido)-2-deoxy-D-glucose

Molecular weight: 221.21

Molecular formula: C_8H_{15}NO_6

PubChem identifier: 439174

Storage instructions: Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Handling: 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.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES: CC(=O)\{N[C@H](\{N[C@H](\{[C@H][C@H][C@H](OC1O)CO\}O)O\}O)

Source: Synthetic
Images

2D chemical structure image of ab146227, N-Acetyl-D-glucosamine, N-Acetyl derivative of glucosamine

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

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- Replacement or refund for products not performing as stated on the datasheet
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- We investigate all quality concerns to ensure our products perform to the highest standards

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