



Product Information

2-Acetamido-1,2-dideoxynojirimycin

Cat. No.: XGB0117

Size: 1 mg

MDL: MFCD16295195

CAS Number: 105265-96-1

PubChem Substance ID: 329769968

NACRES: NA.25

Synonym: 2-Acetamido-1,2,5-trideoxy-1,5-imino-D-glucitol

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

Product Information

Molecular Weight	204.22
Empirical Formula	C ₈ H ₁₆ N ₂ O ₄
InChI	1S/C ₈ H ₁₆ N ₂ O ₄ /c1-4(12)10-5-2-9-6(3-11)8(14)7(5)13/h5-9,11,13-14H,2-3H ₂ ,1H ₃ ,(H,10,12)/t5-,6+,7+,8+/m0/s1
SMILES string	CC(=O)N[C@H]1CN[C@H](CO)[C@@H](O)[C@@H]1O
Purity	≥98.0% (TLC)
Quality Level	100
Applications	2-Acetamido-1,2-dideoxynojirimycin (2-ADN) is used as an inhibitor to identify, purify and characterized GlcNAcase and also used as a ligand for the N-acetylglucosaminidases purification.
Storage	2-8°C

Safety Information

Personal Protective Equipment	dust mask type N95 (US), Eyeshields, Gloves
WGK Germany	WGK 3
Hazard Statements	H315 - H319 - H335