
(Z)-PUGNAc

产品编号: D52958

CAS: 132489-69-1

分子式: C₁₅H₁₉N₃O₇

纯度: 98%

InChi Key: InChIKey=PBLNJFVQMUMJOJY-JXZOILRNSA-N

Smiles: N(\OC(NC1=CC=CC=C1)=O)=C\2/[C@H](NC(C)=O)[C@@H](O)[C@H](O)[C@@H](CO)O2

外观: 固体粉末

作用通路: Others

作用靶点: Others

溶解性: DMSO: 10 mg/mL (28.30 mM, Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: (Z)-PUGNAc is a potent O-GlcNAcase inhibitor that is more active than (E)-PUGNAc, removes O-GlcNAc from proteins (peptide O-GlcNAc-β-N-acetylaminoglucosidase), and can be used to increase the levels of O-GlcNAc on nuclear and cytoplasmic proteins in vivo.