

Product Datasheet

Ac4GlcNAz (orb2944349)

Catalog Number	orb2944349
Category	Small Molecules
Description	Ac4GlcNAz is a cell-permeable metabolic chemical reporter for GlcNAc, enabling the visualization of glycosylation via bioorthogonal click chemistry with fluorescent probes. It is widely used for in vivo and in vitro labeling of O-GlcNAc and other glycans in cell biology and glycoproteomics research.
Target	Others
Purity	99.93%
MW	430.37
Target Areas	Others
Solubility (25°C)	DMSO:80 mg/mL (185.89 mM);10% DMSO+40% PEG300+5% Tween-80+45% Saline:3.3 mg/mL (7.67 mM)
CAS Number	98924-81-3
Formula	C ₁₆ H ₂₂ N ₄ O ₁₀
SMILES	<chem>O(C(C)=O)[C@@H]1[C@@H](NC(CN=[N+]=[N-])=O)C(OC(C)=O)O[C@H](COC(C)=O)[C@H]1OC(C)=O</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice.
Note	For research use only
Expiration Date	12 months from date of receipt.

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