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Ac4ManNAz (N-Azidoacetylmannosamine-tetraacylated)

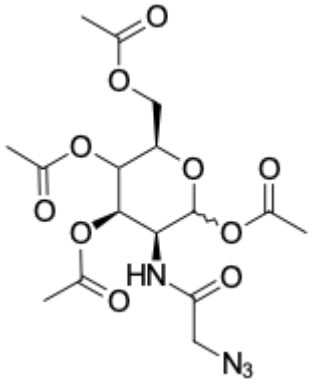
http://cn.lumiprobe.com/p/tetraacetyl-n-azidoacetylmannosamine-ac4mannaz

The tetraacetylated N-Azidoacetyl-mannosamine (Ac4ManNAz) is an azide-labeled monosaccharide that provides a highly specific tool for studying glycoproteins through metabolic labeling *in vivo* and subsequent chemoselective ligation.

Ac4ManNAz is cell-permeable unnatural sugar that is intracellularly processed and incorporated instead of its natural monosaccharide counterpart N-Acetylmannosamine (ManNAc).

The resulting azide-contained glycoprotein can be detected via Cu(I)-catalyzed (CuAAC) or copper-free (SPAAC) click reaction with either fluorescent-labeled alkynes/cycloalkynes or biotin-alkyne.

The recommended concentration for cell labeling is 25-75 µM, and this concentration range may be a starting point for an individual experiment setup.



外观:	
分子量:	430.37
CAS 编号:	361154-30-5
分子式:	$C_{16}H_{22}N_4O_{10}$
溶解度:	
质量控制:	
储存条件:	
法律声明:	本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试，且未经明示或暗示授权用于其他任何用途，包括但不限于体外诊断、人类或动物用途，以及商业用途 。