

Ac4GlcNAz (N-Azidoacetylglucosamine-tetraacylated)

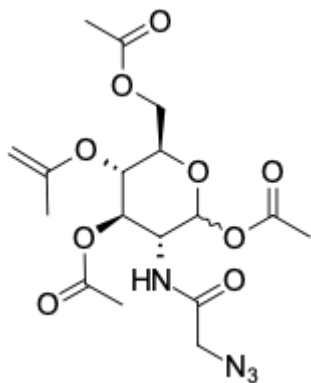
<http://cn.lumiprobe.com/p/tetraacetyl-n-azidoacetylglucosamine-ac4glnaz>

The tetraacetylated N-Azidoacetyl-glucosamine (Ac4GlcNAz) is an azide-labeled monosaccharide that provides a highly specific tool for studying glycoproteins through metabolic labeling *in vivo* and subsequent chemoselective ligation.

Ac4GlcNAz is cell-permeable unnatural sugar that is intracellularly processed and incorporated instead of its natural monosaccharide counterpart N-Acetylglucosamine (GlcNAc).

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 μ M, and this concentration range may be a starting point for an individual experiment setup.



外观: 430.37
分子量:
CAS 98924-81-3
编号:
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。