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Ac4GlcNAz (N-Azidoacetylglucosamine-tetraacylated)

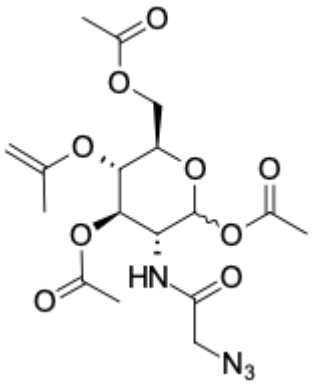
http://hk.lumiprobe.com/p/tetraacetyl-n-azidoacetylglucosamine-ac4glcnaz

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 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: 98924-81-3

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: