

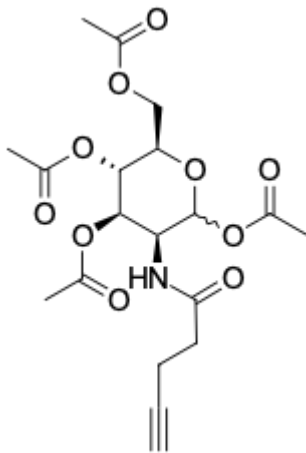
## Ac4ManNAI (N-(4-pentynoyl)-mannosamine-tetraacylated)

<http://cn.lumiprobe.com/p/tetraacetyl-n-4-pentynoyl-mannosamine-ac4mannal>

The tetraacetylated N-(4-pentynoyl)-mannosamine (Ac4ManNAI) is an alkyne-labeled monosaccharide that provides a highly specific tool for studying glycoproteins through metabolic labeling *in vivo* and subsequent chemoselective ligation.

Ac4ManNAI is cell-permeable unnatural sugar that is intracellularly processed and incorporated instead of its natural monosaccharide counterpart N-acetylmannosamine (ManNAc).

The resulting alkyne-contained glycoprotein can be detected via [Cu\(I\)-catalyzed \(CuAAC\)](#) click reaction with either fluorescent-labeled [azides](#) or [biotin-azide](#).



外观:

分子量: 427.41

CAS 编号: 935658-93-8

分子式:  $C_{19}H_{25}NO_{10}$

IUPAC 名称: 2-deoxy-2-[(1-oxo-4-pentyn-1-yl)amino]-1,3,4,6-Tetraacetate-D-Mannopyranose

溶解度:

质量控制:

储存条件:

法律声明: