

## Ac4ManNAz (N-Azidoacetylmannosamine-tetraacetylated)

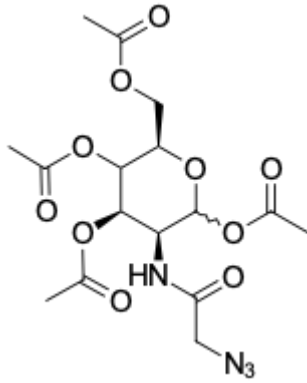
<http://cn.lumiprobe.com/p/tetraacetyl-n-azidoacetylmannosamine-ac4mannaz>

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  $\mu\text{M}$ , 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<sub>16</sub>H<sub>22</sub>N<sub>4</sub>O<sub>10</sub>

溶解度:

质量控制:

储存条件:

法律声明: