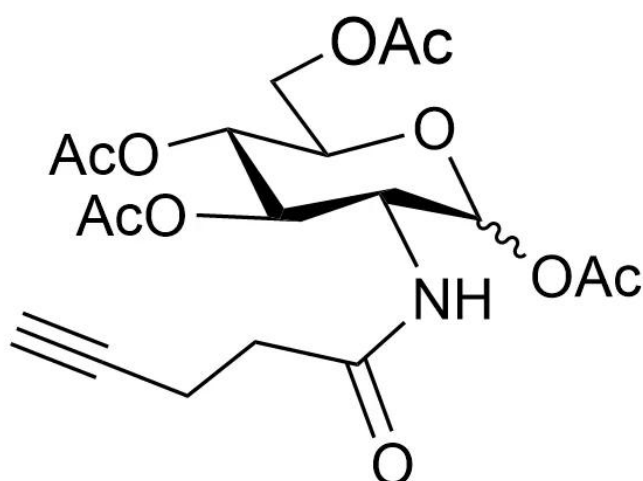




N-(4-PENTYNOYL)-GLUCOSAMINE TETRAACYLATED (AC4GLCNAL)

SKU: CCT-1155



DESCRIPTION

Ac4GlcNAc is an unnatural alkyne-containing monosaccharide building block. The alkyne moiety can be used for modification through chemoselective ligation chemistries including CuAAC or various Pd-catalyzed coupling reactions. The acetyl groups increase solubility in many solvents and make handling of this reagent easier.

SPECIFICATIONS

CAS Number	1361993-37-4
Molecular Weight	427.4
Appearance	White to grey amorphous solid
Chemical Formula	C ₁₉ H ₂₅ NO ₁₀

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



Purity	>90%
Unit Size	5 mg, 25 mg, 100 mg
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C.
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

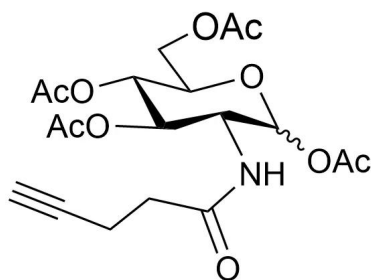
SELECTED REFERENCES

1. Wood, T. M., *et al.* (2021). Optimization of Metabolic Oligosaccharide Engineering with Ac₄GalNAk and Ac₄GlcNAk by an Engineered Pyrophosphorylase. *ACS Chem. Biol.*, [\[PubMed\]](#)

DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

GALLERY IMAGES



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