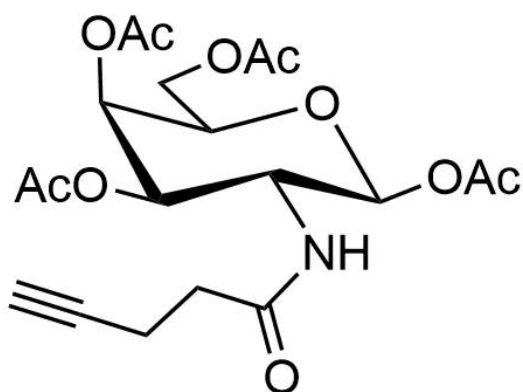




## **N-(4-PENTYNOYL)-GALACTOSAMINE TETRAACYLATED (AC4GALNAL)**

**SKU:** CCT-1156



### **DESCRIPTION**

Ac4GalNAL 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 building easier.

### **SPECIFICATIONS**

<b>CAS Number</b>	1658458-26-4
<b>Molecular Weight</b>	427.4
<b>Appearance</b>	White to grey amorphous solid
<b>Chemical Formula</b>	C <sub>19</sub> H <sub>25</sub> N <sub>1</sub> O <sub>10</sub>
<b>Purity</b>	>90%
<b>Unit Size</b>	5 mg, 25 mg, 100 mg

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



<b>Solubility</b>	DMSO, DMF, DCM, THF, Chloroform
<b>Storage Instructions</b>	-20°C.
<b>Shipping Conditions</b>	Ambient temperature
<b>Shipping Instructions</b>	Ambient temperature

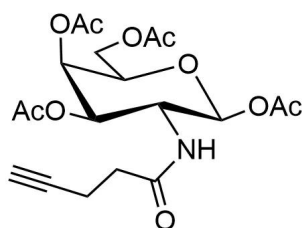
## SELECTED REFERENCES

1. Wood, T. M., *et al.* (2021). Optimization of Metabolic Oligosaccharide Engineering with Ac<sub>4</sub>GalNAk and Ac<sub>4</sub>GlcNAk by an Engineered Pyrophosphorylase. *ACS Chem. Biol.*, [PubMed]
2. Daughtry, J. L., *et al.* (2020). Clickable Galactose Analogues for Imaging Glycans in Developing Zebrafish. *ACS Chem Biol.*, **15** (2), 318-324. [PubMed]

## DOCUMENTS

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

## GALLERY IMAGES



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