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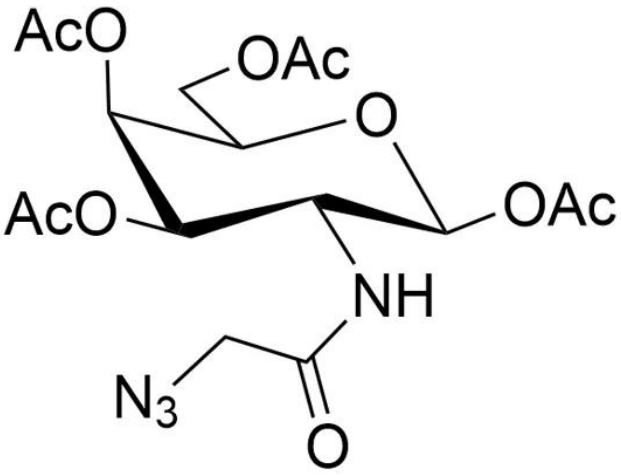
N-AZIDOACETYLGALACTOSAMINE-TETRAACYLATED (AC4GALNAZ)

SKU: CCT-1086



DESCRIPTION

The unnatural azido-containing monosaccharide building block. The azide moiety can be used for modification though chemoselective ligation chemistries including CuAAC, Cu-free click reaction or Staudinger ligation. The acetyl groups increase solubility in many solvents and make handling of this reagent easier.

SPECIFICATIONS

CAS Number	653600-56-7
Molecular Weight	430.37
Appearance	White to grey amorphous solid
Chemical Formula	C16H22N4O10

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

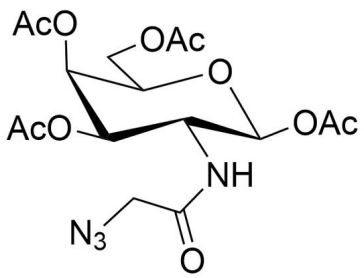
SELECTED REFERENCES

1. Simon P. Wisnovsky, *et al.* (2020). Metabolic precision labeling enables selective probing of O-linked N-acetylgalactosamine glycosylation. *PNAS,* **117 (41)**, 25293-25301. [PNAS]
2. Ranzinger, R., *et al.* (2020). Mass Spectrometric Method for the Unambiguous Profiling of Cellular Dynamic Glycosylation. *ACS Chem. Biol.,* **15, 10**, 2692-2701. [ACSPublications]
3. Suttapitugsakul, S., *et al.* (2019). Surface Glycoproteomic Analysis Reveals That Both Unique and Differential Expression of Surface Glycoproteins Determine the Cell Type. *Anal. Chem.,* **91(10)**, 6934–42. [PubMed]

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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