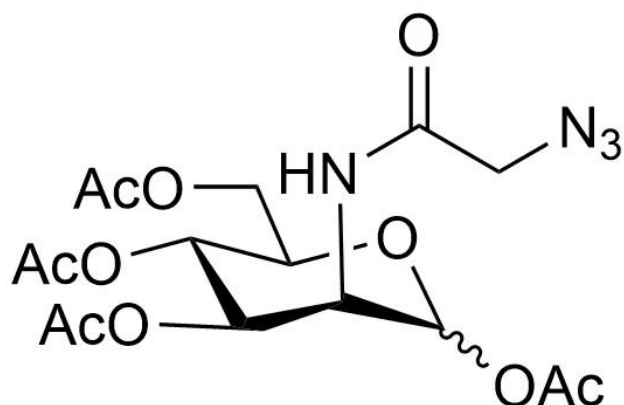




N-AZIDOACETYLMANNOSAMINE-TETRAACYLATED (AC4MANNAZ)

SKU: CCT-1084



DESCRIPTION

The unnatural azido-containing monosaccharide building block. The azide moiety can be used for modification through 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	361154-30-5
Molecular Weight	430.37
Appearance	Slightly grey amorphous solid
Chemical Formula	C ₁₆ H ₂₂ N ₄ O ₁₀
Purity	>90%
Unit Size	5 mg, 25 mg, 100 mg

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



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

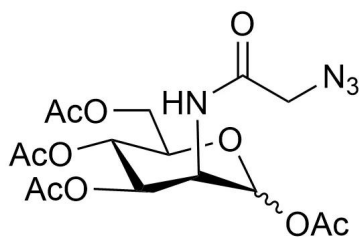
SELECTED REFERENCES

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2. Loebel, C., *et al.* (2020). Metabolic Labeling to Probe the Spatiotemporal Accumulation of Matrix at the Chondrocyte-Hydrogel Interface. *Adv. Funct. Mater.* [[PubMed](#)]
3. Song, S., *et al.* (2020). In Situ One-Step Fluorescence Labeling Strategy of Exosomes via Bioorthogonal Click Chemistry for Real-Time Exosome Tracking In Vitro and In Vivo. *Bioconjugate Chem.*, **31**(5), 1562-74. [[PubMed](#)]
4. Kim, S. H., *et al.* (2014). Cell labeling and tracking method without distorted signals by phagocytosis of macrophages. *Theranostics*, **4** (4), 420-31. [[PubMed](#)]

DOCUMENTS

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

GALLERY IMAGES



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