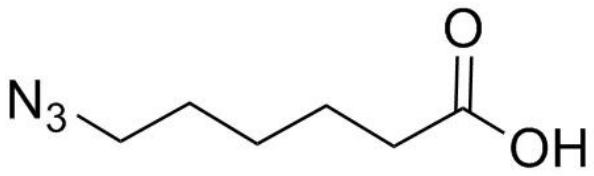
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

6-AZIDOHEXANOIC ACID

SKU: CCT-1250



DESCRIPTION

6-Azidohexanoic acid is a six carbon saturated fatty acid with an ω-terminal azide group. This building block that can be reacted with primary amine groups in the presence activators (e.g. EDC, or DCC) forming a stable amide bond. The terminal azide group allows conjugation with compounds containing alkyne groups through a copper(I)-catalyzed cycloaddition reaction, also known as click chemistry. 6-Azidohexanoic acid is commonly used as a linker that is first acylated to one compound to create a derivative that can then be joined to another compound using click chemistry.

SPECIFICATIONS

CAS Number	79598-53-1
Molecular Weight	157.17
Appearance	Colorless to slightly yellow oil
Chemical Formula	C6H11N3O2
Purity	>95% (HPLC)
Unit Size	1 g, 5 g, 25 g
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C.
Shipping Conditions	Ambient temperature

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

www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

Shipping Instructions Ambient temperature

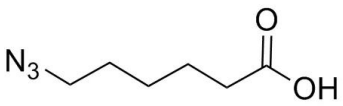
SELECTED REFERENCES

1. Esser-Kahn, A. P., *et al.* (2020). Pathogen-like Nanoassemblies of Covalently Linked TLR Agonists Enhance CD8 and NK Cell-Mediated Antitumor Immunity. *ACS Cent. Sci.,* **10**, 1021. [ACS Publications]
2. Manna, S., *et al.* (2018). Immunomodulation of the NLRP3 Inflammasome through Structure-Based Activator Design and Functional Regulation via Lysosomal Rupture. *ACS Cent. Sci.*, **4(8)**, 982-95. [PubMed]

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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