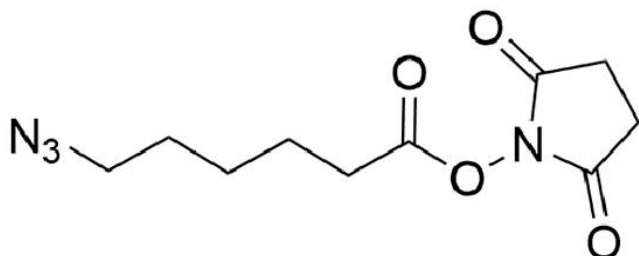




6-AZIDOHEXANOIC ACID NHS ESTER

SKU: CCT-1402



DESCRIPTION

An azido-containing building block that can be used to derivatize primary amines with an azido group via a stable amide bond. The NHS ester reacts with primary amines at pH 7-9 forming a stable amide bond. The azide (N₃) group reacts with terminal alkynes via CuAAC, strained cyclooctynes (e.g. DBCO or BCN compounds) via Cu-free click reaction or with phosphine-labeled molecules by a mechanism known as Staudinger chemistry, enabling efficient and specific conjugation of derivatized molecules in biological samples.

SPECIFICATIONS

CAS Number	866363-70-4
Molecular Weight	254.24
Appearance	Slightly yellow oil
Chemical Formula	C ₁₀ H ₁₄ N ₄ O ₄
Purity	>95% (HPLC)
Unit Size	100 mg , 1 g, 5 g
Solubility	DMSO, DMF, THF, DCM, Chloroform
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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



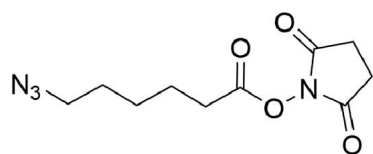
Shipping Instructions

Ambient temperature

DOCUMENTS

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

GALLERY IMAGES



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