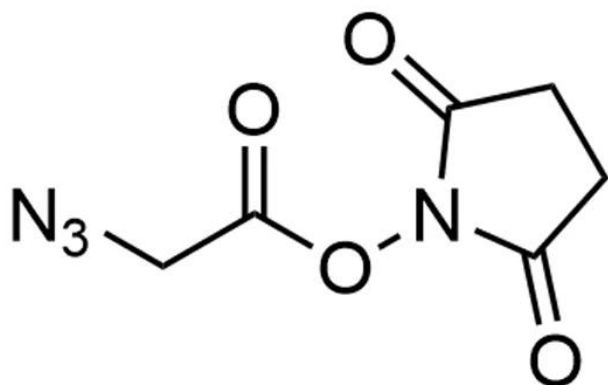




AZIDOACETIC ACID NHS ESTER

SKU: CCT-1070



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	824426-32-6
Molecular Weight	198.14
Appearance	White crystalline
Chemical Formula	C ₆ H ₆ N ₄ O ₄
Purity	>95% (HPLC)
Unit Size	100 mg, 1000 mg, 5 g

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. Desiccate

Shipping Conditions

Ambient temperature

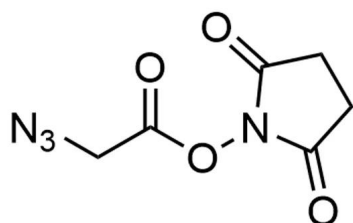
Shipping Instructions

Ambient temperature

DOCUMENTS

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

GALLERY IMAGES



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