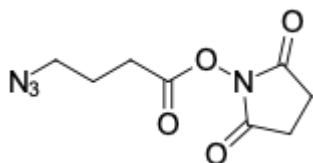


## Azidobutyric acid NHS ester

<http://www.lumiprobe.com/p/azide-nhs-ester>

Convert your proteins and peptides into click chemistry reactive form with this reagent.

While click chemistry involves reaction between terminal alkyne and azide, both azides and alkynes are very uncommon in nature. However, there are reagents to attach these fragments to abundant amino groups which are ubiquitous in the world of biomolecules. This azido-NHS ester is designed for the conversion of proteins, peptides, amino-DNA, and other amines into click chemistry reactive azides.



**Structure of azidobutyric acid NHS ester**

### General properties

Appearance:	colorless solid
Mass spec M+ increment:	111.0
Molecular weight:	226.19
CAS number:	943858-70-6
Molecular formula:	C <sub>8</sub> H <sub>10</sub> N <sub>4</sub> O <sub>4</sub>
IUPAC name:	Butanoic acid, 4-azido-, 2,5-dioxo-1-pyrrolidinyl ester
Solubility:	soluble in organic solvents (DMF, DMSO)
Quality control:	NMR <sup>1</sup> H (95%), HPLC
Storage conditions:	Storage: 12 months after receipt at -20°C. Transportation: at room temperature for up to 3 weeks. Desiccate.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.