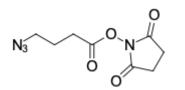


Azidobutyric acid NHS ester

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

colorless solid
111.0
226.19
943858-70-6
$C_8H_{10}N_4O_4$
Butanoic acid, 4-azido-, 2,5-dioxo-1-pyrrolidinyl ester
soluble in organic solvents (DMF, DMSO)
NMR ¹ H (95%), HPLC
Storage: 12 months after receival at -20°C. Transportation: at room temperature for up to 3 weeks. Desiccate.
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.