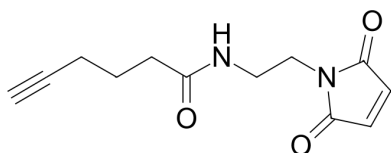


Alkyne maleimide

<http://www.lumiprobe.com/p/alkyne-maleimide>

Alkyne maleimide is a bifunctional linker reagent which allows to attach terminal alkyne to various thiol-containing molecules, such as proteins containing cysteine residues. The alkyne moiety can be then conjugated with various azides via copper-catalyzed click chemistry reaction.



Structure of alkyne maleimide

General properties

Appearance:	colorless solid
Mass spec M+ increment:	234.1
Molecular weight:	234.25
Molecular formula:	C ₁₂ H ₁₄ N ₂ O ₃
Solubility:	good in DMSO, DMF, alcohols, limited in water
Quality control:	NMR ¹ H, HPLC-MS (95%)
Storage conditions:	Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. 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.