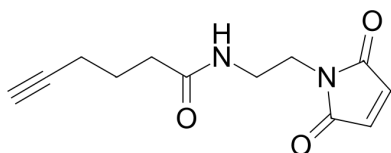


Alkyne maleimide

<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.
TN VED Code:	3822000000