

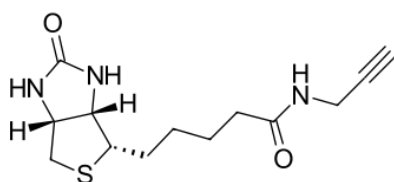
## Biotin alkyne

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

Biotin alkyne for the preparation of various biotinylated conjugates via click reaction.

This alkyne reacts with various azides, including biomolecules containing azide groups. Biotinylated conjugates can be used for various assays and applications requiring affinity binding.

Our recommended protocol can be used for the conjugation.



**Biotin alkyne structure**

### General properties

Appearance: colorless solid

Molecular weight: 281.37

CAS number: 773888-45-2

Molecular formula:  $C_{13}H_{19}N_3O_2S$

Solubility: good in DMSO and DMF, low in water

Quality control: NMR  $^1H$  (95%), TLC, functional testing

Storage conditions: Storage: 24 months after receipt at  $-20^{\circ}C$  in the dark. Transportation: at room temperature for up to 3 weeks.

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