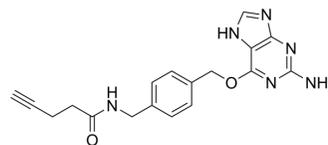


## Alkyne-SNAP

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-151645   |
| CAS No.:           | 1104822-07-2  |
| Molecular Formula: | C <sub>18</sub> H <sub>18</sub> N <sub>6</sub> O <sub>2</sub>                             |
| Molecular Weight:  | 350.37  |
| Target:            | ADC Linker  |
| Pathway:           | Antibody-drug Conjugate/ADC Related   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

### Description

Alkyne-SNAP (compound 3) is an Alkyne-conjugated benzylguanine. The benzylguanine moiety reacts with the SNAP-tag, allowing irreversible and covalent labeling of SNAP fusion proteins with an additional alkyne functionality for further click chemistry conjugation<sup>[1]</sup>.

## REFERENCES

[1]. Broichhagen J, et al. Orthogonal Optical Control of a G Protein-Coupled Receptor with a SNAP-Tethered Photochromic Ligand. ACS Cent Sci. 2015 Oct 28;1(7):383-93.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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