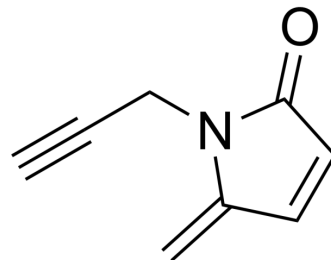


5MP-Propargyl

Cat. No.:	HY-D1404
CAS No.:	2100286-15-3
Molecular Formula:	C ₈ H ₇ NO
Molecular Weight:	133.15
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5MP-Propargyl is the derivative of 5-Methylene pyrrolone (5MP). 5-Methylene pyrrolones (5MPs) are thiol-specific, reversible bioconjugation reagents for cysteine-specific protein modification, that are commonly used for protein bioconjugation^[1]. 5MP-Propargyl is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Yingqian Zhang, et al. Thiol Specific and Tracelessly Removable Bioconjugation via Michael Addition to 5-Methylene Pyrrolones. J Am Chem Soc. 2017 May 3;139(17):6146-6151.

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

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