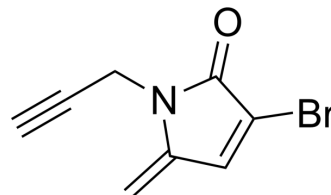


Br-5MP-Propargyl

Cat. No.:	HY-D1407
CAS No.:	2468100-37-8
Molecular Formula:	C ₈ H ₆ BrNO
Molecular Weight:	212.04
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Br-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]. Br-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. Cysteine-specific protein multi-functionalization and disulfide bridging using 3-bromo-5-methylene pyrrolones. Nat Commun. 2020 Feb 21;11(1):1015.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA