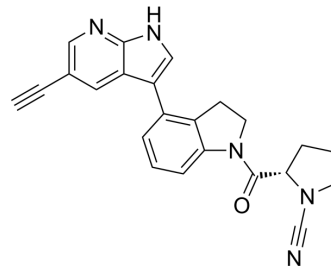


IMP-1710

Cat. No.:	HY-138995
CAS No.:	2383117-96-0
Molecular Formula:	C ₂₃ H ₁₉ N ₅ O
Molecular Weight:	381.43
Target:	Deubiquitinase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

IMP-1710 is a potent and selective deubiquitylating enzyme UCHL1 inhibitor with an IC₅₀ value of 38 nM. IMP-1710 has antifibrotic activity. IMP-1710 is a UCHL1 probe to identify and quantify target proteins in intact human cells^[1]. IMP-1710 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]. Panyain N, et, al. Discovery of a Potent and Selective Covalent Inhibitor and Activity-Based Probe for the Deubiquitylating Enzyme UCHL1, with Antifibrotic Activity. J Am Chem Soc. 2020 Jul 15;142(28):12020-12026.

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

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