

## UHMCP1

## Chemical Properties

CAS No. : 2103079-87-2

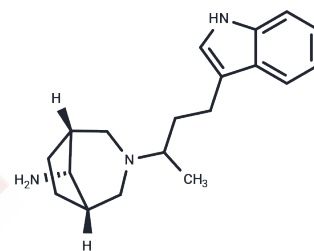
Formula: C<sub>19</sub>H<sub>27</sub>N<sub>3</sub>

Molecular Weight: 297.44

Keep away from direct sunlight

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	UHMCP1 is a chemical probe of the U2AF homology motif (UHM), with a dissociation constant (K <sub>d</sub> ) of 79 μM. It inhibits the interaction between SF3b155 and U2AF65, affecting RNA splicing and cell viability. UHMCP1 also possesses potential anticancer properties.
Targets(IC50)	Others
In vitro	UHMCP1 (25-400 μM) decreases the binding affinity of purified U2AF 65 to SF3b155 by 75%, following a straightforward, non-cooperative binding mechanism with a dissociation constant (K <sub>d</sub> ) of approximately 30 μM for U2AF 65. Additionally, UHMCP1 (0-200 μM; 24 h) impacts the cell viability of HEK293 cells.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.362 mL	16.8101 mL	33.6202 mL
5 mM	0.6724 mL	3.362 mL	6.724 mL
10 mM	0.3362 mL	1.681 mL	3.362 mL
50 mM	0.0672 mL	0.3362 mL	0.6724 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481