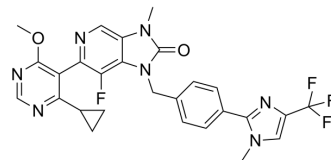


## USP1-IN-7

Cat. No.:	HY-161446
CAS No.:	3033480-42-8
Molecular Formula:	C <sub>27</sub> H <sub>23</sub> F <sub>4</sub> N <sub>7</sub> O <sub>2</sub>
Molecular Weight:	553.51
Target:	Deubiquitinase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

USP1-IN-7 (Compound 3) is an inhibitor for ubiquitin specific peptidase 1 (USP1) and its cofactor UAF1, with IC<sub>50</sub> ≤50 nM. USP1-IN-7 inhibits proliferation of MDA-MB-436 with IC<sub>50</sub> ≤50 nM<sup>[1]</sup>.

## REFERENCES

[1]. Liu BM, et al., Carbonyl fused heterocyclic derivative used as ubiquitin-specific protease inhibitor. WO2024061213A1.

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

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