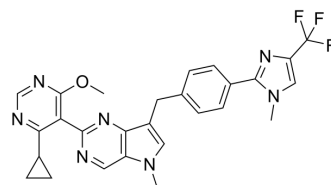


USP1-IN-3

Cat. No.:	HY-148184
CAS No.:	2821749-58-8
Molecular Formula:	C ₂₇ H ₂₄ F ₃ N ₇ O
Molecular Weight:	519.52
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-3 is a selective USPI inhibitor. USP1-IN-3 inhibits USPI-UAFI with an IC ₅₀ value of 30 nM. USP1-IN-3 can be used for the research of cancer ^[1] .
IC ₅₀ & Target	IC ₅₀ : 30 nM (USPI-UAFI) ^[1]
In Vitro	USP1-IN-3 has inhibitory against USPI-UAFI with an IC ₅₀ value of 30 nM ^[1] . USP1-IN-3 has viability for a non-isogenic pair of BRCA1 mutant and BRCA1 WT cell lines with IC ₅₀ values of 100 nM and 10 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Scott Throner, et al. Pyrrolo[3,2-d]pyrimidine compounds and methods of use in the treatment of cancer. Patent. WO2022174184A1.

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

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