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Data Sheet

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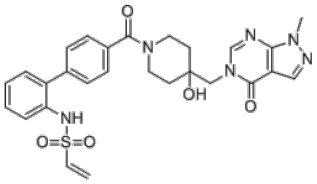
Product Name : FT-827
Cat. No. : PC-60087
CAS No. : 1959537-86-0
Molecular Formula : $C_{27}H_{28}N_6O_5S$
Molecular Weight : 548.618
Target : Deubiquitinase (DUB)
Solubility : 10 mM in DMSO



Biological Activity

FT-827 is a novel potent, specific, covalent **USP7** inhibitor with Kd of 7.8 uM (USP7 catalytic domain).
FT-827 modifies the catalytic Cys223 of USP7 and inhibits the enzyme with kinact/Ki of 66 M-1s-1, display good USP7 selectivity in a panel of 38 deubiquitinases (DUBs)

References

Turnbull AP, et al. ***Nature.*** 2017 Oct 26;550(7677):481-486.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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