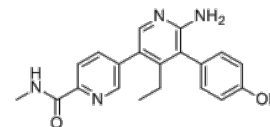


**Product Name** : GNE-6776  
**Cat. No.** : PC-60089  
**CAS No.** : 2009273-71-4  
**Molecular Formula** : C<sub>20</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 348.406  
**Target** : Deubiquitinase (DUB)  
**Solubility** : 10 mM in DMSO



## Biological Activity

GNE-6776 is a novel potent, specific, non-covalent, orally bioavailable **USP7** inhibitor with IC<sub>50</sub> of 1.34 μM. GNE-6776 displays selectivity over USP47 and USP5 (>200 μM). GNE-6776 promotes endogenous MDM2 ubiquitination, stabilized p53 and upregulated p21, induces tumour cell death and enhances cytotoxicity with chemotherapeutic agents. GNE-6776 promotes on-target pathway modulation in human xenografts.

## References

Kategaya L, et al. *Nature*. 2017 Oct 26;550(7677):534-538.

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

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