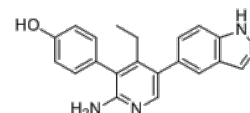


**Product Name** : GNE-6640  
**Cat. No.** : PC-60012  
**CAS No.** : 2009273-67-8  
**Molecular Formula** : C<sub>20</sub>H<sub>18</sub>N<sub>4</sub>O  
**Molecular Weight** : 330.391  
**Target** : Deubiquitinase (DUB)  
**Solubility** : 10 mM in DMSO



### Biological Activity

GNE-6640 (GNE6640) is a potent, selective and non-covalent **USP7** inhibitor with IC<sub>50</sub> of 0.75  $\mu$ M.

GNE-6640 displays selectivity over USP47 and USP5 (IC<sub>50</sub>>200  $\mu$ M).

GNE-6640 promotes endogenous MDM2 ubiquitination, stabilized p53 and upregulated p21, induces tumour cell death and enhances cytotoxicity with chemotherapeutic agents and targeted compounds, including PIM kinase inhibitors.

GNE-6640 decreased viability of 108 cancer cell lines with IC<sub>50</sub> <10  $\mu$ M.

### 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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