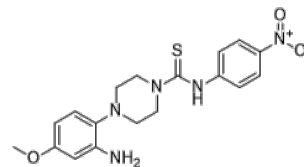


**Product Name** : DC-U43-10  
**Cat. No.** : PC-26962  
**CAS No.** : 2477650-96-5  
**Molecular Formula** : C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>3</sub>S  
**Molecular Weight** : 387.46  
**Target** : Deubiquitinase (DUB)  
**Solubility** : 10 mM in DMSO



CAS: 2477650-96-5

## Biological Activity

DC-U43-10 (USP8-IN-1) is a specific small molecule **USP8** inhibitor with IC<sub>50</sub> of 2.6 μM, exhibits 10-fold selectivity against USP7.

DC-U43-10 has K<sub>D</sub> of 10.5 μM in surface plasmon resonance (SPR) assays.

DC-U43-10 inhibits the colony formation of H1975 cells with EC<sub>50</sub> of 30.8 μM.

## References

Jie Han, et al. *Bioorg Chem.* 2020 Aug;101:103962.

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

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