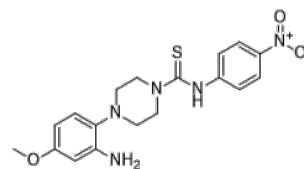


Product Name : DC-U43-10
Cat. No. : PC-26962
CAS No. : 2477650-96-5
Molecular Formula : C₁₈H₂₁N₅O₃S
Molecular Weight : 387.46
Target : Deubiquitinase (DUB)
Solubility : 10 mM in DMSO



CAS: 2477650-96-5

Biological Activity

DC-U43-10 is a specific small molecule USP8 inhibitor with IC₅₀ of 2.6 μM, exhibits 10-fold selectivity against USP7.

DC-U43-10 has K_D of 10.5 μM in surface plasmon resonance (SPR) assays.

DC-U43-10 inhibits the colony formation of H1975 cells with EC₅₀ 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!

E-mail: tech@probechem.com