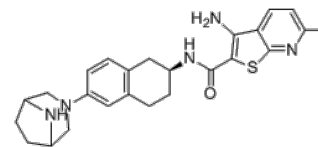


Product Name : FT206
Cat. No. : PC-38173
CAS No. : 2278274-34-1
Molecular Formula : C₂₅H₂₉N₅OS
Molecular Weight : 447.601
Target : Deubiquitinase (DUB)
Solubility : 10 mM in DMSO



Biological Activity

FT206 (FT-206, FT3951206, CRT0511973) is a potent, selective inhibitor of **USP28** with a remarkable USP28/25 selectivity. FT206 interferes with USP28/25 probe labelling (USP-ABP versus USP) in LSCC H520 cell extracts with EC₅₀ of 0.3-1 μ M. USP28 inhibition causes apoptotic cell death of LSCC tumour cells. FT206 also resulted in reduced Δ p63, c-JUN, and c-MYC protein levels, causes dramatic regression of human LSCC xenograft tumours in vivo.

References

- E Josue Ruiz, et al. *Elife*. 2021 Oct 12;10:e71596.
Jonathan D Wrigley, et al. *ACS Chem Biol*. 2017 Dec 15;12(12):3113-3125.

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

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