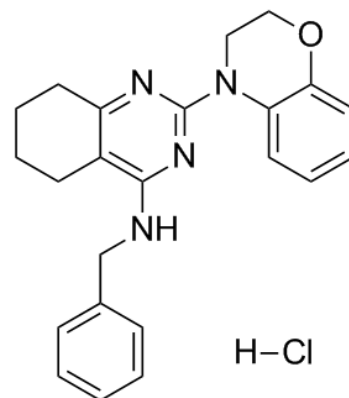


Product Name : ML-241 hydrochloride
Cat. No. : PC-45719
CAS No. : 2070015-13-1
Molecular Formula : C₂₃H₂₅ClN₄O
Molecular Weight : 408.9238
Target : p97/VCP
Solubility : DMSO: ≥ 34 mg/mL



Biological Activity

ML241 hydrochloride is a potent, selective and reversible AAA ATPase **p97** inhibitor (IC₅₀=100 nM). ML241 blocks degradation of p97-dependent proteasome substrate with an IC₅₀ of 3.5 μM. ML241 induces caspases 3 and 7 and potently blocks proliferation in HCT15 and SW403 cells.

References

- Chou TF, et al. *Probe Reports from the NIH Molecular Libraries Program* [Internet].
Chou TF, et al. *ChemMedChem*. 2013 Feb;8(2):297-312.
Fang CJ, et al. *ChemMedChem*. 2015 Jan;10(1):52-6.

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

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