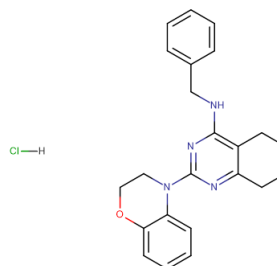


Product Name	: ML-241 hydrochloride
Synonyms	: ML241 hydrochloride; ML 241 hydrochloride
Cat No.	: M13221
CAS Number	: 2070015-13-1
Molecular Formula	: C ₂₃ H ₂₅ ClN ₄ O
Formula Weight	: 408.92
Chemical Name	: 4-Quinazolinamine, 2-(2,3-dihydro-4H-1,4-benzoxazin-4-yl)-5,6,7,8-tetrahydro-N-(phenylmethyl)-,hydrochloride
Description	ML241 Hcl is a potent, selective and reversible AAA ATPase p97 inhibitor (IC ₅₀ =100 nM); blocks degradation of p97-dependent proteasome substrate with an IC ₅₀ of 3.5 uM; induces caspases 3 and 7 and potently blocks proliferation in HCT15 and SW403 cells.
Pathway	: Proteasome/Ubiquitin
Target	: p97
Receptor	: p97
Solubility	: DMSO: ≥ 34 mg/mL
SMILES	: [H]Cl.C1(N2C3=CC=CC=C3OCC2)=NC(NCC4=CC=CC=C4)=C5CCCCC5=N1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Chou TF, et al. Probe Reports from the NIH Molecular Libraries Program [Internet].| 2. Chou TF, et al. ChemMedChem. 2013 Feb;8(2):297-312.| 3. Fang CJ, et al. ChemMedChem. 2015 Jan;10(1):52-6.