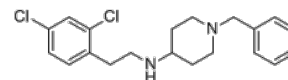


Product Name : NEDD8 inhibitor M22
Cat. No. : PC-62879
CAS No. : 864420-54-2
Molecular Formula : C₂₀H₂₄Cl₂N₂
Molecular Weight : 363.326
Target : NEDD8
Solubility : 10 mM in DMSO



Biological Activity

NEDD8 inhibitor M22 is a novel, potent, selective reversible **NEDD8** activating enzyme (NAE) inhibitor. M22 inhibit A549 cell proliferation completely at 30 uM (GI₅₀=5.5 uM and GI₉₀=19.3 uM). M22 produces tumor inhibition in AGS xenografts in nude mice and low acute toxicity in zebrafish model. M22 exhibits different binding mode compared with MLN4924.

References

Lu P, et al. **ACS Chem Biol**. 2016 Jul 15;11(7):1901-7.

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

E-mail: tech@probechem.com