

Product Name : NEDD8 inhibitor M22

Synonyms : —

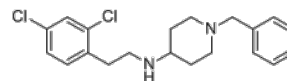
Cat No. : M16270

CAS Number : 864420-54-2

Molecular Formula : C₂₀H₂₄Cl₂N₂

Formula Weight : 363.33

Chemical Name : 1-benzyl-N-(2,4-dichlorophenethyl)piperidin-4-amine



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

Pathway : Proteasome/Ubiquitin

Target : E1

Receptor : E1

Solubility : —

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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