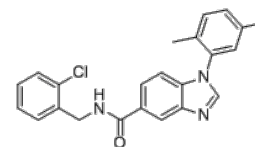


Product Name : NAB2
Cat. No. : PC-49510
CAS No. : 1504588-00-4
Molecular Formula : C₂₃H₂₀ClN₃O
Molecular Weight : 389.88
Target : E3 Ubiquitin Ligase
Solubility : 10 mM in DMSO



Biological Activity

NAB2 (Nedd4 inhibitor NAB2) is a specific small molecule inhibitor of E3 ubiquitin ligase **Nedd4** with binding KD of 42 nM. NAB2 rescues α -synuclein-associated trafficking defects associated with early onset Parkinson's disease in a Nedd4-dependent manner.

NAB2 binds to Nedd4 side chain and does not alter its conformation or ubiquitination kinetics in vitro, does not alter its co-localization with trafficking organelles.

References

Hatstat AK, et al. *Cell Chem Biol.* 2021 Jan 21;28(1):14-25.e9.

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

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