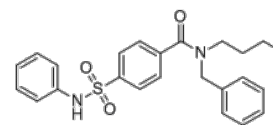


Product Name : TH-257
Cat. No. : PC-35851
CAS No. : 2244678-29-1
Molecular Formula : C₂₄H₂₆N₂O₃S
Molecular Weight : 422.543
Target : LIM Kinase (LIMK)
Solubility : 10 mM in DMSO



1. Manetti F. et al. *Eur J Med Chem*. 2018 Jul 15;155:445-458.
2. Collins R, et, al. *J Med Chem*. 2022 Oct 27;65(20):13705-13713.

Biological Activity

TH-257 (TH257) is a potent, selective, allosteric inhibitor of **LIMK1** and **LIMK2** with IC₅₀ of 84 nM for LIMK1 and 39 nM for LIMK2 in a RapidFire MS assay.

TH257 is exquisitely selective and no significant activity against the wider kinome has been observed in the KINOMEScan assay at 1 μM.

TH-257 displays IC₅₀ of 250 nM against ectopically expressed full-length LIMK1 and 150 nM LIMK2 in a life cell NanoBRET assay.

References

