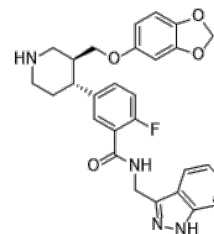


Product Name : CCG258747
Cat. No. : PC-23973
CAS No. : 2615910-00-2
Molecular Formula : C₂₈H₂₇N₄O₄
Molecular Weight : 502.55
Target : GRK (GPCRK)
Solubility : 10 mM in DMSO



Biological Activity

CCG258747 is a potent selective GRK2 inhibitor with IC₅₀ of 18 nM, 83-fold selectivity over GRK5. CCG258747 is selective against GRK1 and PKA and shows little inhibition against ROCK1 at 10 μM. CCG258747 demonstrated robust efficacy in blocking receptor internalization in HEK293 cells. CCG258747 reduced MOR phosphorylation of Ser375 in pSer375-MOR for both HEK293 and U2OS stable cells.

References

Bouley RA, et al. Mol Pharmacol. 2020 Jun;97(6):392-401.

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

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