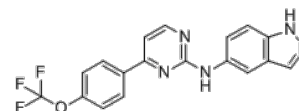


Product Name : ALLO-2
Cat. No. : PC-62438
CAS No. : 1357350-60-7
Molecular Formula : C₁₈H₁₂F₃N₅O
Molecular Weight : 371.323
Target : Smoothened (Smo)
Solubility : 10 mM in DMSO



Biological Activity

ALLO-2 is a potent small molecule **Smoothened** (Smo) antagonist that inhibits Smo agonist Hh-Ag1.5-induced luciferase expression in TM3-Gli-Luc cells with IC₅₀ of 6 nM.

ALLO-2 competes with [3H]cyclopamine with an IC₅₀ of 2.8 nM.

ALLO-2 binds to Smo differently than GDC-0449 and other Smo antagonists, and inhibits both wild-type and D473H mutant human SMO with similar potencies.

References

Tao H, et al. *Chem Biol.* 2011 Apr 22;18(4):432-7.

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

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