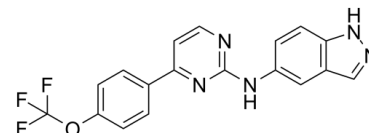


Data Sheet

Product Name:	ALLO-2
Cat. No.:	CS-0065882
CAS No.:	1357350-60-7
Molecular Formula:	C ₁₈ H ₁₂ F ₃ N ₅ O
Molecular Weight:	371.32
Target:	Smo
Pathway:	Stem Cell/Wnt
Solubility:	DMSO : 125 mg/mL (336.64 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

ALLO-2 is a potent drug-resistant **Smoothened (Smo)** mutant antagonist that inhibits Smo agonist Hh-Ag1.5-induced Luciferase expression in TM3-Gli-Luc cells with **IC₅₀** of 6 nM^[1]. IC50 & Target: IC50: Smo^[1].

References:

[1]. Tao H, et al. Small molecule antagonists in distinct binding modes inhibit drug-resistant mutant of smoothened. Chem Biol. 2011 Apr 22;18(4):432-7.

CAIndexNames:

1H-Indazol-5-amine, N-[4-[4-(trifluoromethoxy)phenyl]-2-pyrimidinyl]-

SMILES:

FC(F)(OC1=CC=C(C=C1)C2=NC(NC3=CC4=C(C=C3)NN=C4)=NC=C2)F

Caution: Product has not been fully validated for medical applications. For research use only.

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