

Product Data Sheet

Product Name: ALLO-2
Cat. No.: GC34463

Chemical Properties

Cas. No. 1357350-60-7

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

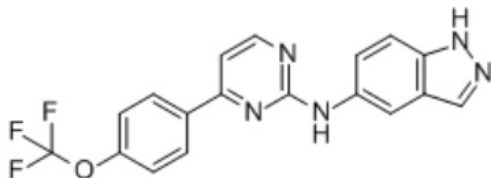
Formula $C_{18}H_{12}F_3N_5O$ M.Wt 371.32

Solubility DMSO : 125 mg/mL (336.64 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

ALLO-2 is a potent drug-resistant Smoothed (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: Smo[1].

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

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA