

A DRUG SCREENING EXPERT

Kinase Assay	resolved fluorescence) is measured on a Perkin Elmer Fusion α -FP instrument. The HTRF program settings used are as follows: Primary excitation filter 330/30, Primary window: 200 uSec, Primary delay: 50 uSec, Number of flashes: 15, Well read time: 2000
Cell Research	Cell lines: H441 cells. Concentrations: 0.24,1,4,16,63 nM. Incubation Time: 24 hours. Method:H441 cells are seeded in RPMI-1640 medium containing 10% FBS and grown to complete confluence.Gaps are introduced by scraping cells with a P200 pipette tip.Cells are then stimulated with 50 ng/mL recombinant human HGF to induce migration across the gap in the presence of various concentrations of INCB28060.After an overnight incubation,representative photographs are taken and a semiquantitative assessment of inhibition of cell migration is conducted.
Animal Research	Animal Models: Eight-week-old female Balb/c nu/nu mice (Charles River) are inoculated subcutaneously with 4×10^6 tumor cells (S114 model) or with 5×10^6 tumor cells (U-87 mg glioblastoma model). Formulation: INCB28060 is prepared as a 5 mM stock solution in 100% dimethyl sulfoxide and routinely stored at room temperature. Dosages: 3,10,30 mg/kg. Administration: INCB28060 is orally dosed,twice each day.

Solubility Information

Solubility	DMSO: 11 mg/mL (22.66 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0604 mL	10.3021 mL	20.6041 mL
5 mM	0.4121 mL	2.0604 mL	4.1208 mL
10 mM	0.206 mL	1.0302 mL	2.0604 mL
50 mM	0.0412 mL	0.206 mL	0.4121 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Liu X, et al,A novel kinase inhibitor, INCB28060, blocks c-MET-dependent signaling, neoplastic activities, and cross-talk with EGFR and HER-3. Clin Cancer Res, 2011, 17(227). 7127-7138.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481