

hCYP1B1-IN-1

Chemical Properties

CAS No. :

Formula: C₁₈H₁₄ClF₃O₃

Molecular Weight: 370.75

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	hCYP1B1-IN-1 (compound B18) is an hCYP1B1 inhibitor with an IC ₅₀ of 3.6 nM, acting as an Aryl Hydrocarbon Receptor antagonist. It demonstrates favorable metabolic stability and good cell permeability, and inhibits the migration of MCF-7 cells [1].
Targets(IC ₅₀)	Others,Aryl Hydrocarbon Receptor,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6972 mL	13.4862 mL	26.9724 mL
5 mM	0.5394 mL	2.6972 mL	5.3945 mL
10 mM	0.2697 mL	1.3486 mL	2.6972 mL
50 mM	0.0539 mL	0.2697 mL	0.5394 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.

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