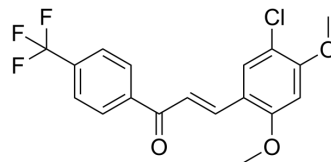


hCYP1B1-IN-1

Cat. No.:	HY-155061
Molecular Formula:	C ₁₈ H ₁₄ ClF ₃ O ₃
Molecular Weight:	370.75
Target:	Cytochrome P450; Aryl Hydrocarbon Receptor
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	hCYP1B1-IN-1 (compound B18) is a hCYP1B1 inhibitor (IC ₅₀ =3.6 nM) as well as an antagonist of Aryl Hydrocarbon Receptor. hCYP1B1-IN-1 exhibits suitable metabolic stability and good cell-permeability. hCYP1B1-IN-1 inhibits migration of MCF-7 cells ^[1] .
IC₅₀ & Target	IC ₅₀ : 3.6 nM (hCYP1B1) ^[1]

REFERENCES

[1]. Wu Y, et al. Discovery of 4'-trifluoromethylchalcones as novel, potent and selective hCYP1B1 inhibitors without concomitant AhR activation. Eur J Med Chem. 2023 Oct 5;258:115552.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA