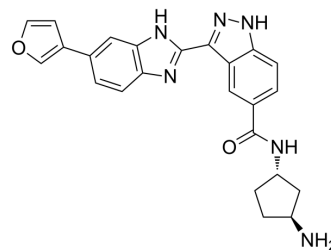


FLT3-IN-22

Cat. No.:	HY-155302
Molecular Formula:	C ₂₄ H ₂₂ N ₆ O ₂
Molecular Weight:	426.47
Target:	FLT3
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FLT3-IN-22 (compound 22f) is a potent FLT3 inhibitor with IC ₅₀ values of 0.941 nM and 0.199 nM for FLT3 and FLT3/D835Y, respectively. FLT3-IN-22 exhibits strong antiproliferative activity against MV4-11 cells and the mutant FLT kinase expressed Ba/F3 cell lines, including FLT-D835Y and FLT3-F691L ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.941 nM (FLT3) and 0.199 nM (FLT3/D835Y) ^[1]

REFERENCES

[1]. Bongki Ko, et al. Discovery of benzimidazole-indazole derivatives as potent FLT3-tyrosine kinase domain mutant kinase inhibitors for acute myeloid leukemia. European Journal of Medicinal Chemistry. 7 October 2023, 115860.

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