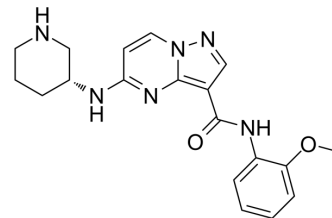


FLT3/ITD-IN-1

Cat. No.:	HY-144709
Molecular Formula:	C ₁₉ H ₂₂ N ₆ O ₂
Molecular Weight:	366.42
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/ITD-IN-1 (Compound 1) is a potent FLT3 internal tandem duplications (FLT3-ITD) inhibitor with IC₅₀ values of 38.2 nM and 144.1 nM against FLT3 and FLT3-ITD, respectively. FLT3/ITD-IN-1 displays excellent antiproliferative activities against acute myeloid leukemia cell lines^[1].

IC₅₀ & Target

IC₅₀: 38.2 nM (FLT3), 144.1 nM (FLT3-ITD)^[1]

REFERENCES

[1]. Chen Y, et al. Discovery and structure - activity relationship exploration of pyrazolo[1,5-a]pyrimidine derivatives as potent FLT3-ITD inhibitors. *Bioorg Med Chem*. 2021 Oct 15;48:116422.

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

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