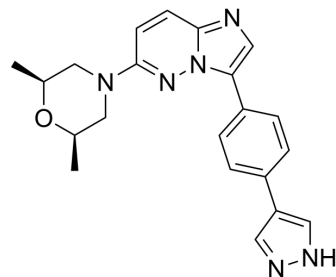


FLT3-IN-25

Cat. No.:	HY-162032
Molecular Formula:	C ₂₁ H ₂₂ N ₆ O
Molecular Weight:	374.44
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-25 (compound 17) is a potent inhibitor of FLT3, with IC₅₀s of 1.2 nM, 1.4 nM and 1.1 nM for FLT3-WT, FLT3-D835Y and FLT3-ITD, respectively. FLT3-IN-25 plays an important role in acute myeloid leukemia (AML)^[1].

REFERENCES

[1]. Desmond Akwata, et al. Identification of a Selective FLT3 Inhibitor with Low Activity against VEGFR, FGFR, PDGFR, c-KIT, and RET Anti-Targets. ChemMedChem. 2023 Nov 16:e202300442.

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

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