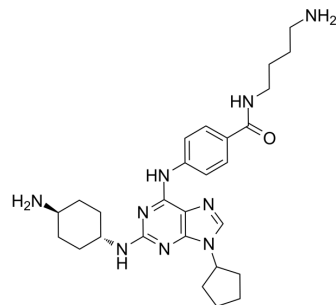


PDGFR α /FLT3-ITD-IN-1

Cat. No.:	HY-145902
CAS No.:	2761259-05-4
Molecular Formula:	C ₂₇ H ₃₉ N ₉ O
Molecular Weight:	505.66
Target:	PDGFR; FLT3
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PDGFR α /FLT3-ITD-IN-1 (Compound 12d) is a potent inhibitor of PDGFR α /FLT3 with IC₅₀s of more than 0.036 and 0.003 μ M, respectively. PDGFR α /FLT3-ITD-IN-1 has the potential for the research of acute myeloid leukemia or chronic eosinophilic leukemia^[1].

REFERENCES

[1]. Vlková K, et al. Synthesis and biological activity evaluation of novel 2,6,9-trisubstituted purine conjugates as potential protein kinases inhibitors. *Bioorg Med Chem Lett.* 2022 Mar 15;60:128603

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

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