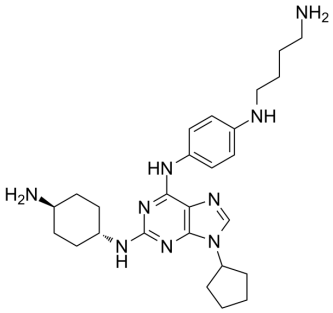
PDGFRα/FLT3-ITD-IN-3

Cat. No.:	HY-145904
CAS No.:	2761259-22-5
Molecular Formula:	$C_{26}H_{39}N_9$
Molecular Weight:	477.65
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	PDGFRα/FLT3-ITD-IN-3 (Compound 18d) is a potent inhibitor of PDGFRα/FLT3 with IC_{50}s of 0.153 and 0.004 μM, respectively. PDGFRα/FLT3-ITD-IN-3 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

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