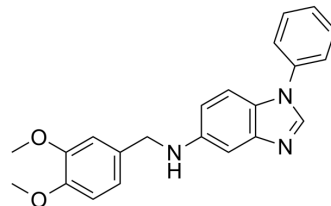


HP1142

Cat. No.:	HY-145691
CAS No.:	381173-58-6
Molecular Formula:	C ₂₂ H ₂₁ N ₃ O ₂
Molecular Weight:	359.42
Target:	FLT3
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HP1142 is a potent and selective inhibitor of FLT3 receptor tyrosine kinase (FLT3/ITD mutation). HP1142 is a benzimidazole scaffold-based compound. HP1142 has the potential for the research of FLT3/ITD leukemia^[1].

REFERENCES

[1]. Tian T, et al. Identification of the Benzimidazole Compound as a Selective FLT3 Inhibitor by Cell-Based High-Throughput Screening of a Diversity Library. *J Med Chem.* 2022 Feb 24;65(4):3597-3605.

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

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