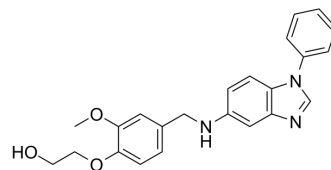


HP1328

Cat. No.:	HY-145690
CAS No.:	2245074-20-6
Molecular Formula:	C ₂₃ H ₂₃ N ₃ O ₃
Molecular Weight:	389.45
Target:	FLT3
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HP1328 is a potent inhibitor of FLT3 receptor tyrosine kinase (FLT3/ITD mutation). HP1328 is a benzimidazole scaffold-based compound. HP1328 significantly reduces the leukemia burden and prolongs the survival of mice with 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA