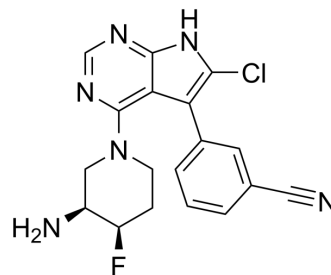


HPK1-IN-33

Cat. No.:	HY-149206
CAS No.:	2920000-86-6
Molecular Formula:	C ₁₈ H ₁₆ ClFN ₆
Molecular Weight:	370.81
Target:	MAP4K
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HPK1-IN-33 (compound 21) is a potent Hematopoietic Progenitor Kinase 1 (HPK1) inhibitor with a K _i value of 1.7 nM. HPK1-IN-33 inhibits the produce of IL-2 with EC ₅₀ s of 286, >10000 nM in Jurkat WT and Jurkat HPK1 KO cells, respectively ^[1] .
IC ₅₀ & Target	HPK1 1.7 nM (K _i)

REFERENCES

[1]. Gallego RA, et al. Design and Synthesis of Functionally Active 5-Amino-6-Aryl Pyrrolopyrimidine Inhibitors of Hematopoietic Progenitor Kinase 1. J Med Chem. 2023 Mar 20.

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