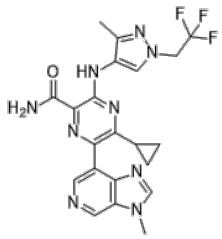
ProbeChem®
Expedite Your Scientific Research

WWW.PROBECHEM.COM

Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	AZ3246
Cat. No.	:	PC-23939
CAS No.	:	2893978-54-4
Molecular Formula	:	$C_{21}H_{20}F_3N_9O$
Molecular Weight	:	471.45
Target	:	MAP4K
Solubility	:	10 mM in DMSO



CAS: 2893978-54-4

Biological Activity

AZ3246 is a potent, highly selective inhibitor of hematopoietic progenitor kinase 1 (**HPK1**, MAP4K1) with IC50 of <3 nM in ADP-Glo assays, 20-fold more selective over GLK and no activity against LCK.
AZ3246 exhibits exquisite kinome selectivity: in a Thermo-Fisher kinase panel of 357 kinases, only HPK1 and MYLK at >80% inhibition at 100 nM.
AZ3246 induces IL-2 secretion in T cells with EC50 of 90 nM, without inhibiting antagonistic kinases.
AZ3246 is efficacious both as a monotherapy (30 mg/kg, b.i.d) and in combination with PD-L1 inhibition in an EMT6 mouse syngeneic model.

References

Shields JD, et al. ***J Med Chem.*** 2025 Feb 10. doi: 10.1021/acs.jmedchem.4c02631.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com