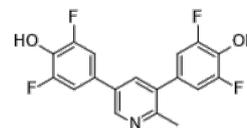


Product Name : VRK-IN-1
Cat. No. : PC-26317
CAS No. : 2378855-09-3
Molecular Formula : C₁₈H₁₁F₄NO₂
Molecular Weight : 349.28
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 2378855-09-3

Biological Activity

VRK-IN-1 is a potent, selective inhibitor of Vaccinia-related kinases 1 and 2 (VRK1 and VRK2) with ITC KD values of 190 nM and 401 nM, IC₅₀ of 150 nM (VRK1).

VRK-IN-1 shows high selectivity in a panel of 48 human kinases (selectivity score S(50%) of 0.04).

Vaccinia-related kinases 1 and 2 (VRK1 and VRK2) are human Ser/Thr protein kinases associated with increased cell division and neurological disorders.

References

Serafim RAM, et al. ACS Med Chem Lett. 2019 Aug 19;10(9):1266-1271.

Crowley-Dolen EK, et al. J Biol Chem. 2026 Mar 6:111355.

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

E-mail: tech@probechem.com