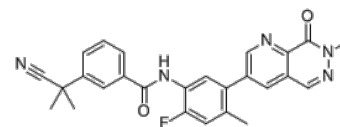


Product Name : GNE-9815
Cat. No. : PC-72469
CAS No. : 2729996-45-4
Molecular Formula : C₂₆H₂₂FN₅O₂
Molecular Weight : 455.493
Target : Raf
Solubility : 10 mM in DMSO



Biological Activity

GNE-9815 (GNE9815) is a potent, selective, oral Type II **pan-RAF** inhibitor with K_i of 0.062 and 0.19 nM for CRAF and BRAF, respectively.

GNE-9815 displays clean kinase selectivity against a panel of 223 kinases (no inhibition > 70% at a concentration of 0.1 μM) besides RAF kinases).

GNE-9815 demonstrates synergistic activity in KRAS mutant A549 and HCT116 cancer cells in combination with the MEK inhibitor cobimetinib.

GNE-9815 in combination with the MEK inhibitor cobimetinib demonstrated synergistic MAPK pathway modulation in an HCT116 xenograft mouse model.

References

Malcolm P Huestis, et al. *ACS Med Chem Lett.* 2021 Apr 21;12(5):791-797.

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

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