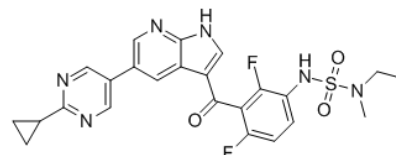


Product Name : PLX7904
Cat. No. : PC-45594
CAS No. : 1393465-84-3
Molecular Formula : C₂₄H₂₂F₂N₆O₃S
Molecular Weight : 512.5317
Target : Raf
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

PLX7904 is a potent and selective **B-Raf** inhibitor with IC₅₀ of 5 nM against BRAF V600E in mutant RAS expressing cells. PLX7904 inhibits the growth of A375, COLO829, COLO205 that expresses BRAFV600E with IC₅₀ values of 0.17 uM, 0.53 uM, and 0.16 uM, respectively. PLX7904 inhibits phosphorylation of ERK1/2 in mutant BRAF melanoma cells.

References

Zhang C, et al. **Nature**. 2015 Oct 22;526(7574):583-6.

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

E-mail: tech@probechem.com