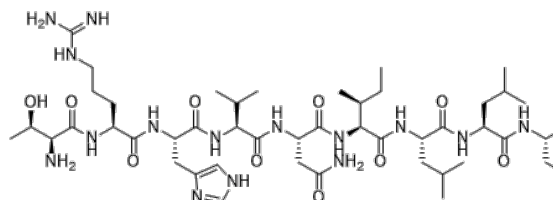


Product Name : Braftide
Cat. No. : PC-24277
CAS No. : 2411851-64-2
Molecular Formula : C₅₇H₉₄N₁₆O₁₃S
Molecular Weight : 1243.54
Target : Raf
Solubility : 10 mM in DMSO



Biological Activity

Braftide is a potent allosteric RAF kinase dimer disruptor, inhibits RAF dimerization by targeting the conserved RAF dimer interface, inhibits wild-type BRAF and oncogenic BRAF G469A with IC₅₀ of 364 nM and 172 nM, respectively. Braftide inhibits MAPK signaling pathway. Braftide inhibits proliferation of KRAS mutant tumor cells (EC₅₀= 7.1 and 6.6 μM, for HCT116 and HCT-15).

References

Gunderwala AY, et al. ACS Chem Biol. 2019 Jul 19;14(7):1471-1480.

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

E-mail: tech@probechem.com