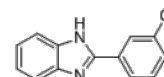


Product Name : G573
Cat. No. : PC-62295
CAS No. : 22868-35-5
Molecular Formula : C₁₃H₉ClN₂
Molecular Weight : 228.68
Target : MEK (MAP2K)
Solubility : 10 mM in DMSO



Biological Activity

G573 is a potent and selective, allosteric inhibitor of **MEK** with K_i of 0.3 nM. G573 blocks MEK phosphorylation by BRAF(V600E), and stabilizes the RAF-MEK complex. G573 inhibits the proliferation of A375 (BRAF V600E) with IC_{50} of 11 nM, 15-fold less potent for HCT116 (KRAS G13D).

References

Hatzivassiliou G, et al. *Nature*. 2013 Sep 12;501(7466):232-6.

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

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