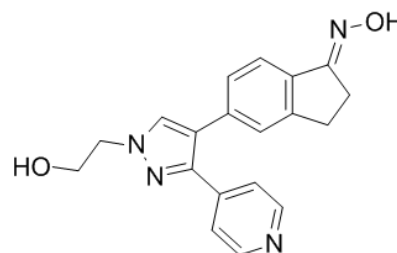


Product Name : GDC-0879
Cat. No. : PC-45877
CAS No. : 905281-76-7
Molecular Formula : C₁₉H₁₈N₄O₂
Molecular Weight : 334.3718
Target : Raf
Solubility : 10 mM in DMSO



Biological Activity

A potent and selective B-Raf kinase inhibitor with IC₅₀ of 0.13 nM against purified B-Raf V600E and a cellular pERK IC₅₀ of 63 nM in the MALME-3M cell line; shows expected activity only against C-Raf against a panel of 140 kinases at 1 μM; shows comparable potency in A375 melanoma and Colo205 colorectal carcinoma cell lines with IC₅₀ of 59 nM and 29 nM for pMEK1 inhibition respectively; shows tumor growth inhibition in A375 xenografts; orally active.

Skin Cancer
Preclinical

References

- Wong H, et al. *J Pharmacol Exp Ther.* 2009 Apr;329(1):360-7.
Hoeflich KP, et al. *Cancer Res.* 2009 Apr 1;69(7):3042-51.
Hansen JD, et al. *Bioorg Med Chem Lett.* 2008 Aug 15;18(16):4692-5.

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

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