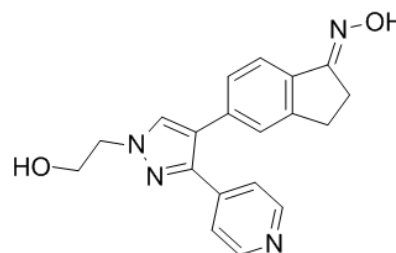


**Product Name** : GDC-0879  
**Cat. No.** : PC-45877  
**CAS No.** : 905281-76-7  
**Molecular Formula** : C<sub>19</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 334.3718  
**Target** : Raf  
**Solubility** : 10 mM in DMSO



### Biological Activity

GDC-0879 is a potent and selective **B-Raf** kinase inhibitor with IC<sub>50</sub> of 0.13 nM against purified B-Raf V600E and a cellular pERK IC<sub>50</sub> of 63 nM in the MALME-3M cell line.

GDC-0879 shows expected activity only against C-Raf against a panel of 140 kinases at 1 μM.

GDC-0879 shows comparable potency in A375 melanoma and Colo205 colorectal carcinoma cell lines with IC<sub>50</sub> of 59 nM and 29 nM for pMEK1 inhibition respectively.

GDC-0879 shows tumor growth inhibition in A375 xenografts; orally active.

### 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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