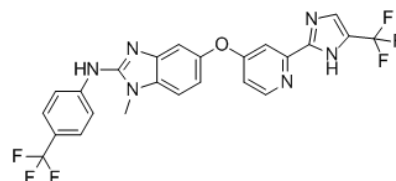


**Product Name** : RAF265  
**Cat. No.** : PC-42483  
**CAS No.** : 927880-90-8  
**Molecular Formula** : C<sub>24</sub>H<sub>16</sub>F<sub>6</sub>N<sub>6</sub>O  
**Molecular Weight** : 518.4139  
**Target** : Raf  
**Solubility** : DMSO: ≥ 26 mg/mL



## Biological Activity

RAF265 (CHIR265) is a potent, oral, dual **Raf/VEGFR-2** inhibitor with IC<sub>50</sub> of 3-60 nM for C-Raf/B-Raf/B-Raf V600E, EC<sub>50</sub> of 30 nM for VEGFR2 phosphorylation.

RAF265 (CHIR265) blocks Raf-MEK-ERK signalling and significantly enhances TRAIL sensitivity in NCI-H727 and CM insulinoma cells.

RAF265 (CHIR265) inhibits cell proliferation with IC<sub>50</sub> of 0.83-5.54 μM in CRC cells, demonstrates significant anti-tumor activity in tumors of xenograft models.

## References

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Su Y, et al. *Clin Cancer Res.* 2012 Apr 15;18(8):2184-98.

Chen J, et al. *Cancer Res.* 2011 Jun 15;71(12):4280-91.

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

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