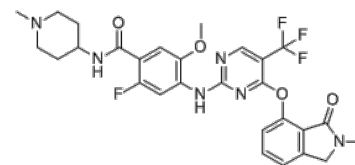


**Product Name** : BI-853520  
**Cat. No.** : PC-60275  
**CAS No.** : 1227948-82-4  
**Molecular Formula** : C<sub>28</sub>H<sub>28</sub>F<sub>4</sub>N<sub>6</sub>O<sub>4</sub>  
**Molecular Weight** : 588.56  
**Target** : Focal Adhesion Kinase (FAK)  
**Solubility** : 10 mM in DMSO



### Biological Activity

Ifebemtinib (BI 853520, IN10018) is potent, highly selective and orally active inhibitor of **PTK2/FAK** with IC<sub>50</sub> of 1 nM in cell-free assays.

BI 853520 inhibits only 4 enzymes at 10 μM in a panel of 264 tyrosine and serine/threonine kinases.

BI 853520 inhibits the colony formation of PC-3 cells with EC<sub>50</sub> of 3 nM.

BI 853520 suppresses PTK2 autophosphorylation in tissue samples from both human tumor xenografts and mouse skin.

BI 853520 demonstrates anti-tumor activity in vivo.

### References

Roy-Luzarraga M, et al. *Clin Cancer Res.* 2016 Aug 1;22(15):3718-24.

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

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