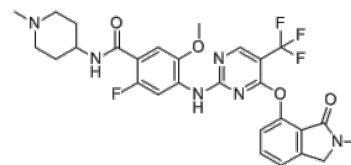


Product Name : BI-853520
Cat. No. : PC-60275
CAS No. : 1227948-82-4
Molecular Formula : C₂₈H₂₈F₄N₆O₄
Molecular Weight : 588.56
Target : Focal Adhesion Kinase (FAK)
Solubility : 10 mM in DMSO



Biological Activity

Ifebemtinib (BI 853520) is potent, highly selective and orally active inhibitor of **PTK2/FAK** with IC₅₀ 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 EC₅₀ 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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