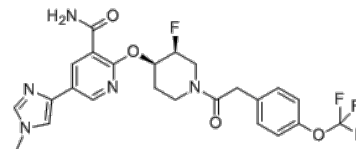


Product Name : PF-6683324
Cat. No. : PC-35187
CAS No. : 1799788-94-5
Molecular Formula : C₂₄H₂₃F₄N₅O₄
Molecular Weight : 521.473
Target : Breast Tumor Kinase (BRK;PTK6)
Solubility : 10 mM in DMSO



Biological Activity

PF-6683324 (PF6683324) is a potent and selective Type II **PTK6**/Brk inhibitor with IC₅₀ of 76 nM in biochemical assays, also is a potent pan-TRK inhibitor.

PF-6683324 inhibits PTK6 phosphorylation at Y342 in engineered HET293T cells overexpressing PTK6 WT with IC₅₀ of 0.7 uM.

PF-6683324 demonstrates superior kinase selectivity compared to the Type I inhibitors.

References

Qiu L, et al. *PLoS One*. 2018 Jun 7;13(6):e0198374.

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

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