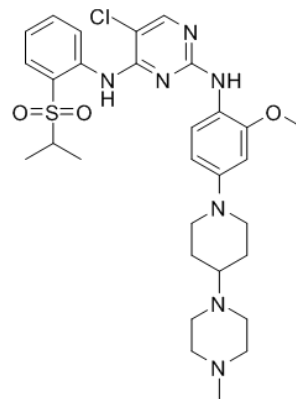


Product Name : NVP-TAE684
Cat. No. : PC-42437
CAS No. : 761439-42-3
Molecular Formula : C₃₀H₄₀ClN₇O₃S
Molecular Weight : 614.2017
Target : Anaplastic Lymphoma Kinase (ALK)
Solubility : 10 mM in DMSO



Biological Activity

NVP-TAE 684 (TAE684) is a highly potent and selective, orally available **ALK** inhibitor with IC₅₀ of 3 nM in cell-free assays. NVP-TAE 684 (TAE684) exhibits no significant cross-reactivity against other kinases. NVP-TAE 684 (TAE684) blocks the growth of ALCL-derived and ALK-dependent cell lines with IC₅₀ 2-10 nM, inhibits phosphorylation of NPM-ALK and its downstream effectors and subsequent induction of apoptosis and cell cycle arrest. NVP-TAE 684 (TAE684) suppresses lymphomagenesis in in vivo models.

References

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

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