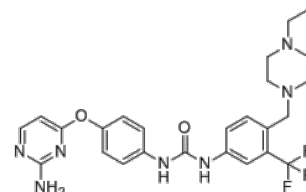


Product Name : ATH686
Cat. No. : PC-35271
CAS No. : 853299-52-2
Molecular Formula : C₂₅H₂₈F₃N₇O₂
Molecular Weight : 515.541
Target : FLT3
Solubility : 10 mM in DMSO



Biological Activity

ATH686 (ATH-686) is a potent and selective, second-generation inhibitor of mutant **FLT3** protein kinase. ATH686 selectively kills leukemic cells harboring mutant FLT3 with no apparent effect on cells harboring wild-type FLT3, via inhibition of FLT3 kinase activity. ATH686 potently inhibits cell proliferation of FLT3-ITD-Ba/F3 cells and D835Y-Ba/F3 cells (IC₅₀<1 nM), via induction of apoptosis.

References

Weisberg E, et al. *Genes Cancer*. 2010 Oct;1(10):1021-32.

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

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