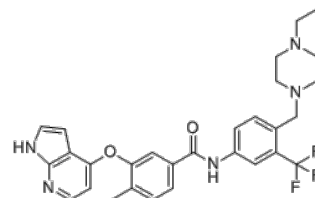


Product Name : HG-7-92-01
Cat. No. : PC-61640
CAS No. : 1315355-93-1
Molecular Formula : C₂₉H₃₀F₃N₅O₂
Molecular Weight : 537.587
Target : c-Fes Kinase
Solubility : 10 mM in DMSO (5.4 mg/mL)



Biological Activity

HG-7-92-01 (NG25) is a potent, selective **c-Fes** protein-tyrosine kinase inhibitor with IC₅₀ of 292 nM, also is a potent dual **TAK1** and **MAP4K2** inhibitor, with IC₅₀s of 149 nM and 21.7 nM, respectively.

HG-7-92-01 (NG25) displays intermediate selectivity profiles (selectivity score=0.18) against 353 kinases.

NG25 also potently suppresses several kinases such as LYN, CSK, FER, p38α, ABL, ARG and SRC, with IC₅₀s of 12.9, 56.4, 82.3, 102, 75.2, and 113 nM, respectively.

HG-7-92-01 (NG25) 400 nM) completely inhibits CpG B- or CpG A-stimulated secretion of IFNα and CL097-stimulated secretion of IFNβ.

HG-7-92-01 (NG25) reduces cell viability of breast cancer cell lines in a dose dependent manner.

References

Hellwig S, et al. *Chem Biol.* 2012 Apr 20;19(4):529-40.

Weir MC, et al. *PLoS One.* 2017 Jul 20;12(7):e0181178.

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

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