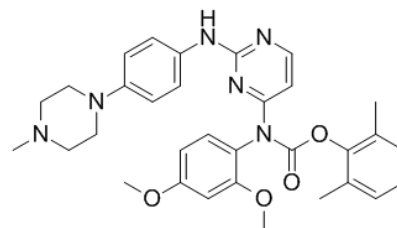


Product Name : WH-4-023
Cat. No. : PC-42962
CAS No. : 837422-57-8
Molecular Formula : C₃₂H₃₆N₆O₄
Molecular Weight : 568.666
Target : Src
Solubility : DMSO: ≥ 46.8 mg/mL



Biological Activity

WH-4-023 (KIN-112) is a potent and selective dual **Lck/Src** inhibitor with IC₅₀ of 0.6 nM/1 nM for Lck and Src kinase respectively, displays little to no inhibition on p38α, Btk, KDR (IC₅₀>100 nM).

WH-4-023 (KIN-112) inhibits anti-CD3/CD28-induced T cell IL-2 secretion and T cell proliferation with IC₅₀ of 61 nM and 490 nM, respectively.

WH-4-023 (KIN-112) inhibits anti-CD3-induced IL-2 production in in vivo model of T cell activation.

WH-4-023 (KIN-112) also can induce cell death in GC-resistant T-ALL cells.

References

Martin MW, et al. *J Med Chem*. 2006 Aug 10;49(16):4981-91.

Serafin V, et al. *Blood*. 2017 Dec 21;130(25):2750-2761.

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

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