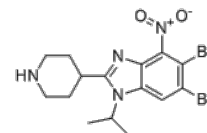


Product Name : MEN1703
Cat. No. : PC-63507
CAS No. : 1616359-00-2
Molecular Formula : C₁₅H₁₈Br₂N₄O₂
Molecular Weight : 446.143
Target : Pim
Solubility : 10 mM in DMSO



Biological Activity

SEL24-B489 (SEL24, MEN1703) is a potent, dual **PIM** and **FLT3-ITD** inhibitor with K_d of 2/2/3 nM for PIM1/2/3, K_d of 160/16 nM for FLT3-WT/FLT3-ITD, respectively.

SEL24-B489 exhibits significantly broader on-target activity in AML cell lines (MV-4-11 GI₅₀=20 nM) and primary AML blasts than selective FLT3-ITD or PIM inhibitors.

SEL24-B489 decreases viability of AML cells with FLT3-TKD mutations associated with resistance to selective FLT3-ITD inhibitors.

SEL24-B489 inhibits the growth of a broad panel of AML cell lines in xenograft models.

References

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Białopiotrowicz E, et al. *J Cell Mol Med*. 2018 Apr 17. doi: 10.1111/jcmm.13632.

Szydłowski M, et al. *Blood*. 2017 Sep 21;130(12):1418-1429.

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

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