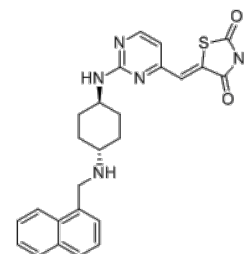


Product Name : JP-11646
Cat. No. : PC-63142
CAS No. : 1902983-63-4
Molecular Formula : C₂₅H₂₅N₅O₂S
Molecular Weight : 459.568
Target : Pim
Solubility : 10 mM in DMSO



Biological Activity

JP-11646 (JP11646) is a novel potent, selective, non-ATP competitive **Pim2** inhibitor with IC₅₀ of 0.5/1/24 nM for Pim2/3/1, respectively.

JP-11646 shows less potency for other kinases in a kinase selectivity panel.

JP-11646 exhibits 4-760-fold greater suppression of MM proliferation and viability than ATP-competitive PIM inhibitors.

JP-11646 significantly reduces tumor burden and increases median survival in xenogeneic myeloma murine models.

References

Nair JR, et al. *Leukemia*. 2017 Aug;31(8):1715-1726.

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

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