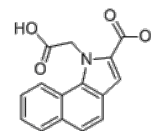


Product Name : FPPS-IN-11
Cat. No. : PC-38605
CAS No. : 1250273-31-4
Molecular Formula : C₁₅H₁₁NO₄
Molecular Weight : 269.256
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

FPPS-IN-11 is a potent, allosteric, non-bisphosphonate farnesyl pyrophosphate synthase (FPPS) inhibitor with IC₅₀ of 200 nM.

FPPS-IN-11 displayed similar potencies in biochemical assays to the most potent bisphosphonate, zoledronic acid (IC₅₀=130 nM), and similar to or higher than those of all other bisphosphonates used clinically, such as risedronate, ibandronate, alendronate and pamidronate (IC₅₀ = 150 nM, 340 nM, 850 nM, 950 nM, respectively).

References

Wolfgang Jahnke, et al. Nat Chem Biol. 2010 Sep;6(9):660-6.

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

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