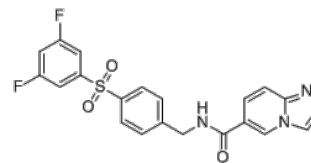


Product Name : GNE-617
Cat. No. : PC-38786
CAS No. : 1362154-70-8
Molecular Formula : C₂₁H₁₅F₂N₃O₃S
Molecular Weight : 427.43
Target : NAMPT
Solubility : 10 mM in DMSO



Biological Activity

GNE-617 is a potent, selective, cellularly active **NAMPT** inhibitor with IC₅₀ of 5 nM, inhibits multiple cancer cell lines (U251, HT1080, PC3, MiaPaCa2, and HCT116 lines) with IC₅₀ of <10 nM.

GNE-617 displayed acceptable mouse PK properties (F = 41%, CL = 52.4 mL/min/kg), and exhibited robust efficacy in a U251 mouse xenograft model.

References

Yauch RL, et al. *Clin Cancer Res*. 2013 Dec 15;19(24):6912-23.

O'Brien T, et al. *Neoplasia*. 2013 Dec;15(12):1314-29.

Zheng X, et al. *J Med Chem* 2013;56:6413-33.

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

E-mail: tech@probechem.com