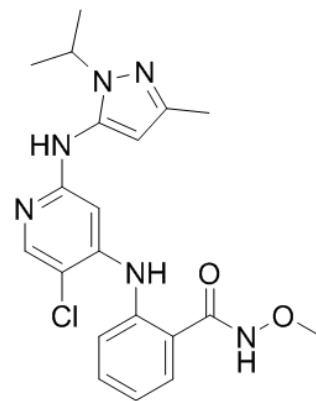


Product Name : GSK2256098
Cat. No. : PC-42177
CAS No. : 1224887-10-8
Molecular Formula : C₂₀H₂₃ClN₆O₂
Molecular Weight : 414.8886
Target : Focal Adhesion Kinase (FAK)
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

GSK2256098 (GTPL-7939) is a potent, selective, reversible and ATP-competitive inhibitor of **FAK** kinase with K_i of 0.4 nM. GSK2256098 (GTPL-7939) displays high selectivity over a panel of 261 kinases, including the nearest FAK family member, Pyk2 (>1,000-fold).

GSK2256098 (GTPL-7939) inhibits FAK activity through targeting the phosphorylation site of FAK Y397.

GSK2256098 (GTPL-7939) decreases levels of phosphorylated Akt and ERK, cell viability, anchorage-independent growth, and motility in L3.6P1 cells.

GSK2256098 (GTPL-7939) causes lower microvessel density, less cellular proliferation, and higher apoptosis rates in the Ishikawa model.

References

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Soria JC, et al. *Ann Oncol*. 2016 Dec;27(12):2268-2274.

Thanappapasr D, et al. *Mol Cancer Ther*. 2015 Jun;14(6):1466-1475.

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

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