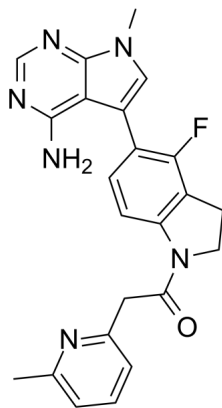


Data Sheet

Product Information

Catalog Number	BP10387
Product Name	GSK2656157
Description	GSK2656157 is a highly specific and ATP-competitive PERK inhibitor (IC ₅₀ : 0.9 nM) in a cell-free assay. The selectivity is 500-fold higher against a panel of 300 kinases.
Targets&IC ₅₀	PERK: 0.9 nM
In vitro	Antiproliferative activity of GSK2656157 against multiple human tumor cell lines as well as primary human microvascular endothelial cells is evaluated in a 3-day proliferation assay using standard culture medium. In the absence of exogenous UPR inducers, GSK2656157 has no significant effect on the growth of any of these cells with IC ₅₀ range of 6-25 mM. (Only for Reference)
CAS No.	1337532-29-2
Chemical Formula	C ₂₃ H ₂₁ FN ₆ O
Molecular Weight	416.46
Solubility	H ₂ O: <1 mg/mL Ethanol: <1 mg/mL; DMSO: 30 mg/mL (72 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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