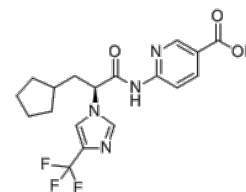


Product Name : PF-04991532
Cat. No. : PC-61880
CAS No. : 1215197-37-7
Molecular Formula : C₁₈H₁₉F₃N₄O₃
Molecular Weight : 396.37
Target : Glucokinase
Solubility : 10 mM in DMSO



Biological Activity

PF-04991532 (PF4991532) is a potent, hepatoselective **Glucokinase** (GK) activator with EC₅₀ of 90±45 nM. PF-04991532 displays >50-fold liver-to-pancreas ratio of tissue distribution in rodent and non-rodent species. PF-04991532 robustly lowers fasting and postprandial glucose with no hypoglycemia in vivo.

References

- Pfefferkorn JA, et al. *J Med Chem*. 2012 Feb 9;55(3):1318-33.
Erion DM, et al. *PLoS One*. 2014 May 23;9(5):e97139.
Ghosh A, et al. *Drug Metab Dispos*. 2014 Oct;42(10):1599-610.

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

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