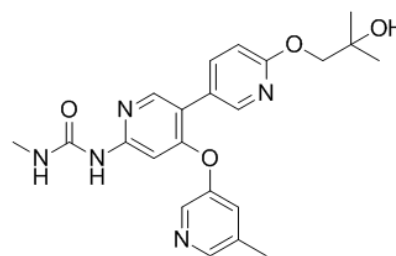


Product Name : AM-2394
Cat. No. : PC-42091
CAS No. : 1442684-77-6
Molecular Formula : C₂₂H₂₅N₅O₄
Molecular Weight : 423.465
Target : Glucokinase
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

A potent, orally bioavailable Glucokinase (GK) activator with EC₅₀ of 60 nM; increases the affinity of GK for glucose by 10-fold, exhibits moderate clearance and good oral bioavailability in multiple animal models; lowers glucose excursion in an ob/ob mouse model of diabetes.

Diabetes
Preclinical

References

- Kohn TJ, et al. ACS Med Chem Lett. 2016 Jun 1;7(7):666-70.
Dransfield PJ, et al. ACS Med Chem Lett. 2016 May 23;7(7):714-8.

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

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