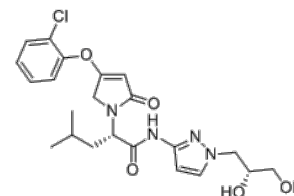


Product Name : Dorzagliatin
Cat. No. : PC-60040
CAS No. : 1191995-00-2
Molecular Formula : C₂₂H₂₇ClN₄O₅
Molecular Weight : 462.931
Target : Glucokinase
Solubility : 10 mM in DMSO



Biological Activity

Dorzagliatin (HMS-5552, HMS5552) is a novel potent, fourth-generation **glucokinase (GK)** activator. HMS-5552 exerts its antidiabetic effect by inhibiting insulin resistance and increasing insulin sensitivity, significantly increased GK expression. HMS-5552 effectively improves GK activity and insulin resistance by targeting both the liver and pancreas in rat T2DM models.

References

- Wang P, et al. *J Diabetes Res.* 2017;2017:5812607.
Xu H, et al. *Drug Des Devel Ther.* 2016 May 9;10:1619-26.

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

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