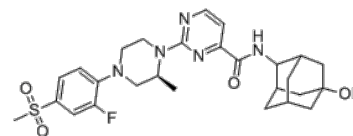


Product Name : SKI2852
Cat. No. : PC-61137
CAS No. : 1346554-47-9
Molecular Formula : C₂₇H₃₄FN₅O₄S
Molecular Weight : 543.658
Target : 11 β -HSD
Solubility : 10 mM in DMSO



Biological Activity

SKI-2852 (J2H-1702) is a highly potent, selective, and orally bioavailable **11 β -HSD1** inhibitor with IC₅₀ of 2.9 and 1.6 nM for hHSD1 and mHSD1, respectively.

SKI-2852 demonstrates no CYP and PXR liabilities, excellent PK profiles across species, and highly potent and sustainable PD activity.

SKI-2852 significantly reduces blood glucose and HbA1c levels and improves the lipid profiles in ob/ob mice, synergistically enhances the HbA1c-lowering effect of metformin in vivo.

References

Ryu JH, et al. *J Med Chem.* 2016 Nov 23;59(22):10176-10189.

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

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