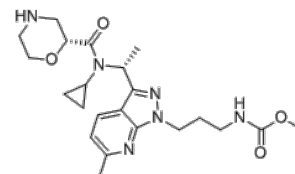


Product Name : SPH3127
Cat. No. : PC-49361
CAS No. : 1399849-02-5
Molecular Formula : C₂₂H₃₂N₆O₄
Molecular Weight : 444.536
Target : Renin
Solubility : 10 mM in DMSO



Biological Activity

SPH3127 (Sitokiren, SPH-3127) is a highly potent, selective and orally active **renin** inhibitor with IC₅₀ of 0.4 and 0.45 nM for rh-renin and hPRA, respectively.

SPH3127 demonstrated higher bioavailability and a more potent antihypertensive effect in preclinical models than aliskiren.

References

Iijima D, et al. *J Med Chem*. 2022 Aug 25;65(16):10882-10897.

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

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