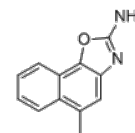


Product Name : SKA-121
Cat. No. : PC-60780
CAS No. : 1820708-73-3
Molecular Formula : C₁₂H₁₀N₂O
Molecular Weight : 198.225
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

SKA-121 is a potent, selective intermediate-conductance **KCa3.1** positive-gating modulator with EC₅₀ of 109 nM. SKA-121 displays 41-fold selectivity over KCa2.3 (EC₅₀=4.4 μM), and 200- to 400-fold selectivity over representative KV, NaV, as well as CaV1.2 channels. SKA-121 significantly lowers mean arterial blood pressure in normotensive and hypertensive mice.

References

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Christophersen P, et al. *Channels (Austin)*. 2015;9(6):336-43.
Oliván-Viguera A, et al. *Basic Clin Pharmacol Toxicol*. 2016 Aug;119(2):184-92.
Brown BM, et al. *Mol Pharmacol*. 2017 Oct;92(4):469-480.

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

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