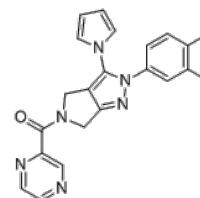


Product Name : VU0529331
Cat. No. : PC-35862
CAS No. : 1286725-49-2
Molecular Formula : C₂₂H₂₀N₆O
Molecular Weight : 384.443
Target : Potassium Channel
Solubility : 10 mM in DMSO



Biological Activity

VU0529331 (VU 0529331) is the first synthetic small molecule activator of non-GIRK1-containing **GIRK** (non-GIRK1/X) channels with EC₅₀ of 5.1 μM and 5.2 μM for GIRK2 and GIRK1/2 in HEK293 cells, respectively. VU0529331 can specifically modulate the activity of GIRK1-containing GIRK channels.

References

Kozek KA, et al. *ACS Chem Neurosci*. 2018 Sep 13. doi: 10.1021/acscchemneuro.8b00287.

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

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