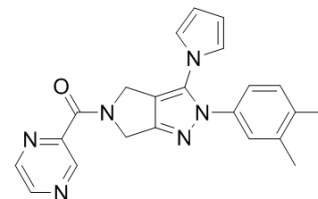


VU0529331

Cat. No.:	HY-112705
CAS No.:	1286725-49-2
Molecular Formula:	C ₂₂ H ₂₀ N ₆ O
Molecular Weight:	384.43
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	VU0529331 is a modestly selective non-GIRK1-containing G protein-gated, inwardly-rectifying, potassium channel (non-GIRK1/X) activator, with EC ₅₀ s of 5.1 μM and 5.2 μM for GIRK2 and GIRK1/2 in HEK293 cells, respectively, also effective on GIRK4 homomeric channel ^[1] .
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IC ₅₀ & Target	EC50: 5.1 μM (GIRK2), 5.2 μM (GIRK1/2) ^[1]
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REFERENCES

[1]. Kozek KA, et al. Discovery and Characterization of VU0529331, a Synthetic Small-Molecule Activator of Homomeric G Protein-Gated, Inwardly Rectifying, Potassium (GIRK) Channels. ACS Chem Neurosci. 2018 Sep 13.

Caution: Product has not been fully validated for medical applications. For research use only.

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