

Product Data Sheet

Product Name: VU0529331

Cat. No.: GC65125

Chemical Properties

Cas. No. 1286725-49-2

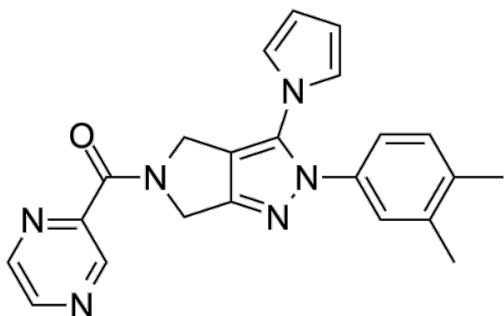
Formula C₂₂H₂₀N₆O M.Wt 384.43

Solubility DMSO : 5 mg/mL (13.01 mM; Need ultrasonic and warming) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

VU0529331 is a modestly selective non-GIRK1-containing G protein-gated, inwardly-rectifying, potassium channel (non-GIRK1/X) activator, with EC₅₀s of 5.1 μM and 5.2 μM for GIRK2 and GIRK1/2 in HEK293 cells, respectively, also effective on GIRK4 homomeric channel[1].

[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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