**Product Name**: VU0810464
**Catalog Number**: T7899
**CAS Number**: 2126040-21-7
**Molecular Formula**: C18H21ClFN3O
**Molecular Weight**: 349.83

**Description**: VU0810464 is a non-urea G protein-gated inwardly-rectifying potassium channels (GIRK, Kir3) activator.

**Storage**: 2 years -80°C in solvent; 3 years -20°C powder;

<table>
<thead>
<tr>
<th>Solubility</th>
<th>DMSO</th>
<th>250 mg/mL (714.63 mM)</th>
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<td>(&lt; 1 mg/ml refers to the product slightly soluble or insoluble)</td>
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<tr>
<th>Receptor (IC50)</th>
<th>GIRK 1/2</th>
<th>165 nM(EC50)</th>
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<tbody>
<tr>
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<td>GIRK1/4</td>
<td>720 nM(EC50)</td>
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**In vivo Activity**
Reduced stress - induced hypertermia (SIH), a physiological test of anxiolytic efficacy in wild mice, but had no impact in and Kcnj3 (Girk1) −/− mice.

**Animal Experiment**
Animal Model:

**Reference**

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Information for product storage and handling is indicated on the product datasheet. Targetmol products are stable for long term under the recommended storage conditions. Our products may be shipped under different conditions as many of them are stable in the short-term at higher or even room temperatures. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, please follow the storage recommendations on the product data sheet.