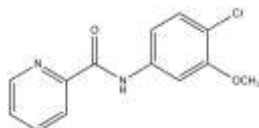


**PRODUCT: VU0361737**ALTERNATE NAME: *N*-(4-Chloro-3-methoxyphenyl)-2-pyridinecarboxamide

CATALOG #: 9418-5, 25

AMOUNT: 5 mg, 25 mg

## STRUCTURE:

MOLECULAR FORMULA: C<sub>13</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>2</sub>

MOLECULAR WEIGHT: 262.69

CAS NUMBER: 1161205-04-4

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (&gt;20 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at +4°C. Protect from air and light

**DESCRIPTION:** VU 0361737 is a selective, brain-permeable, positive allosteric modulator at mGlu<sub>4</sub> receptors (EC<sub>50</sub> values are 240 and 110 nM at human and rat receptors respectively). Inactive at mGlu<sub>1</sub>, mGlu<sub>2</sub>, mGlu<sub>3</sub>, mGlu<sub>6</sub> and mGlu<sub>7</sub> receptors and displays weak activity at mGlu<sub>5</sub> and mGlu<sub>8</sub> receptors.

**REFERENCES:** Engers, D.W., *et al.* (2009). *J. Med. Chem.* **52**, 4115-4118.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**