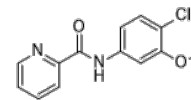


Product Name : VU0361737
Cat. No. : PC-22231
CAS No. : 1161205-04-4
Molecular Formula : C₁₃H₁₁ClN₂O₂
Molecular Weight : 262.69
Target : mGluR
Solubility : 10 mM in DMSO



CAS: 1161205-04-4

Biological Activity

VU0361737 (ML128) is a potent, selective positive allosteric modulator of metabotropic glutamate receptor 4 (mGluR4) with EC₅₀ of 240 nM and 110 nM for human and rat mGluR4 receptors, respectively.

VU0361737 displays weak activity at mGlu5 and mGlu8 receptors and inactive at mGlu1, mGlu2, mGlu3, mGlu6 and mGlu7 receptors.

VU0361737 partially attenuates the Staurosporine- and Doxorubicin-evoked cell death on human neuroblastoma SH-SY5Y cells.

References

Kammermeier PJ. Mol Pharmacol. 2012 Sep;82(3):438-47.

Jantas D, et al. Neurochem Int. 2015 Sep;88:124

Darren W Engers, et al. J Med Chem. 2011 Feb 24;54(4):1106-10.

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

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