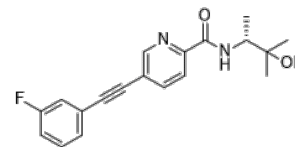


Product Name : VU0424465
Cat. No. : PC-27667
CAS No. : 1428630-85-6
Molecular Formula : C₁₉H₁₉FN₂O₂
Molecular Weight : 326.37
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

VU0424465 (ML273) is a potent, selective agonist/positive allosteric modulator (ago-PAM) of mGlu5 receptor with radioligand binding IC₅₀ of 7.3 nM and EC₅₀ of 9.4 nM.

VU0424465 exhibits high affinity at MPEP allosteric binding site with K_i of 11.8 nM.

References

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Hellyer SD, et al. J Neurochem. 2019 Nov;151(3):301-315.

Nasrallah C, et al. Sci Rep. 2018 Mar 13;8(1):4407.

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

E-mail: tech@probechem.com