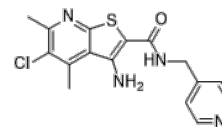


Product Name : ML253
Cat. No. : PC-24344
CAS No. : 1417616-42-2
Molecular Formula : C₁₆H₁₅ClN₄OS
Molecular Weight : 346.83
Target : mAChR
Solubility : 10 mM in DMSO



Biological Activity

ML253 (VU0448088) is a potent, selective, CNS-penetrant M4 mAChR positive allosteric modulator (PAM) with EC₅₀ of 56 nM (hM4) and 176 nM (rM4), selective against the four muscarinic subtypes. ML253 is active in an amphetamine-induced hyperlocomotion assay.

References

Le U, et al. Bioorg Med Chem Lett. 2013 Jan 1;23(1):346-50.

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

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