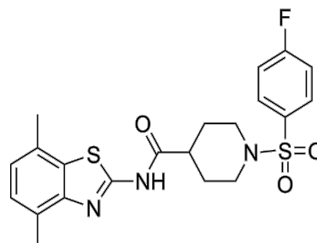


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :VU533
Cat.No. :URK-V2511
CAS No. :923417-09-8
Molecular Formula :C₂₈H₂₂Cl₃N₃O₅
Molecular Weight :447.55
Molecular Formula :C₂₁H₂₂FN₃O₃S₂
Solubility :



Biological Activity

NAPE-PLD activator (VU533) is a highly potent activator of NAPE-PLD.

NAPE-PLD activator (VU533) is a potent effects on endocannabinoid signaling make it a particularly exciting prospect for the treatment of pain, inflammation, and neurodegenerative disorders.

References

1. Griebel G, Stam R, Sharma S, et al. The novel fatty acid amide hydrolase inhibitor VU533,328 attenuates inflammatory and neuropathic pain in rodents. Pain. 2015;156(10):1897-1907. doi:10.1097/j.pain.0000000000000271
2. Chen R, Zhang J, Fan N, et al. Δ9-THC-C26-coOH, a myelinotoxic cannabinoid, induces behavioral RSA alterations and neuroinflammation via CB1R-independent activation of microglia. Brain Behav Immun. 2021;91:386-399. doi:10.1016/j.bbi.2020.12.024

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

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