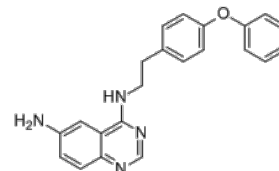


Product Name : EVP4593
Cat. No. : PC-20991
CAS No. : 545380-34-5
Molecular Formula : C₂₂H₂₀N₄O
Molecular Weight : 356.43
Target : NF-κB
Solubility : 10 mM in DMSO



CAS: 545380-34-5

Biological Activity

EVP4593 (EVP-4593, QNZ) is an inhibitor of PMA/PHA-induced NF-κB pathway activation with IC₅₀ of 9 nM, inhibits store-operated calcium (Ca²⁺) entry (SOC) pathway in huntington's disease (HD) neurons.

EVP4593 inhibits store-operated Ca²⁺ entry in HD striatal neurons.

EVP4593 inhibits TRPC1-supported SOC Ca²⁺ currents in neuronal cells. protect YAC128 MSNs from glutamate-induced apoptosis.

EVP4593 reduces synaptic nSOC and rescues spine loss in YAC128 MSNs, intraventricular delivery of EVP4593 in YAC128 mice rescued age-dependent striatal spine loss in vivo.

References

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Tobe M, et al. Bioorg Med Chem. 2003b;11:3869-3878.

Wu J, et al. J Neurosci. 2016 Jan 6;36(1):125-41.

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

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