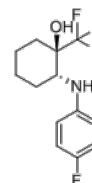


Product Name : BAY-390
Cat. No. : PC-49696
CAS No. : 2741956-55-6
Molecular Formula : C₁₃H₁₅F₄NO
Molecular Weight : 277.26
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

BAY-390 (BAY390) is a potent, selective, brain-penetrant **TRPA1** inhibitor with IC₅₀ of 16 and 63 nM for hTRPA1 and rTRPV1, respectively.

BAY-390 (90 mg/kg, oral, twice daily) reversed mechanical allodynia in the spinal nerve ligation (SNL) neuropathic pain model in rats.

BAY-390 (30 mg/kg, oral, twice daily) reduced CFA-induced inflammatory pain in rats.

BAY-390 is an in vitro and in vivo probe to investigate the central and peripheral roles played by TRPA1 in rodent preclinical models.

References

Stefanie Mesch, et al. *J Med Chem*. 2023 Jan 26;66(2):1583-1600.

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

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