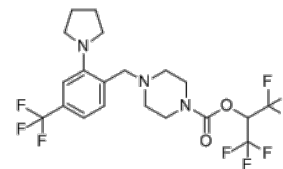


Product Name : ABX-1431
Cat. No. : PC-35522
CAS No. : 1446817-84-0
Molecular Formula : C₂₀H₂₂F₉N₃O₂
Molecular Weight : 507.401
Target : Monoacylglycerol Lipase (MAGL)
Solubility :



Biological Activity

ABX-1431 (ABX1431) is a highly potent, selective, orally available, CNS-penetrant **monoacylglycerol lipase (MGLL)** with IC₅₀ of 14 nM (hMGLL); displays 23-fold selectivity for MGLL versus ABHD6 and CES1c, as well as exquisite selectivity of against other members of the serine hydrolase class; inhibits MGLL activity in rodent brain (ED₅₀=0.5-1.4 mg/kg), increases brain 2-AG concentrations, and suppresses pain behavior in the rat formalin pain model.

Pain

Phase 1 Clinical

References

Cisar JS, et al. *J Med Chem.* 2018 Aug 1. doi: 10.1021/acs.jmedchem.8b00951.

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

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