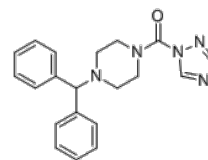


Product Name : AKU-005
Cat. No. : PC-20488
CAS No. : 1515855-85-2
Molecular Formula : C₂₀H₂₁N₅O
Molecular Weight : 347.42
Target : Monoacylglycerol Lipase (MAGL)
Solubility : 10 mM in DMSO



CAS: 1515855-85-2

Biological Activity

AKU-005 is a potent, dual **MAGL/FAAH** inhibitor with IC₅₀ of 589 and 309 pM for MAGL in rat and mouse brain membrane respectively, inhibits rat and human FAAH with IC₅₀ of 63 and 389 nM.

References

Niina Aaltonen, et al. *Chem Biol.* 2013 Mar 21;20(3):379-90.

Adriana Della Pietra, et al. *J Headache Pain.* 2023 Apr 11;24(1):38.

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

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