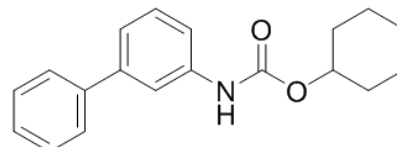


Product Name : URB602
Cat. No. : PC-42260
CAS No. : 565460-15-3
Molecular Formula : C₁₉H₂₁NO₂
Molecular Weight : 295.3755
Target : Monoacylglycerol Lipase (MAGL)
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

URB602 is a selective, noncompetitive **monoacylglycerol lipase (MAGL)** inhibitor with IC₅₀ of 28 μM against rat brain MAGL; elevates 2-AG levels and enhances 2-AG-mediated signaling in neurons, prolongs endocannabinoid-mediated changes in synaptic strength in acutely dissected rat hippocampal slices; showed anti-inflammatory and anti-nociceptive effect in murine model of acute inflammation.

References

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Makara JK, et al. Nat Neurosci. 2005 Sep;8(9):1139-41.

Comelli F, et al. Br J Pharmacol. 2007 Nov;152(5):787-94.

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

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