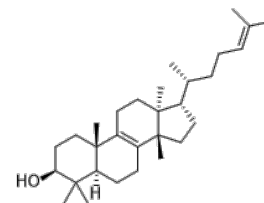


Product Name : Euphol
Cat. No. : PC-25687
CAS No. : 514-47-6
Molecular Formula : C₃₀H₅₀O
Molecular Weight : 426.73
Target : Monoacylglycerol Lipase (MAGL)
Solubility : 10 mM in DMSO



Biological Activity

Euphol is a potent and reversible monoacylglycerol lipase (MAGL, MGL) inhibitor with IC₅₀ of 315 nM (purified MGL).

Euphol inhibits non-purified MGL (cell lysates of MGL-transfected HeLa cells) with IC₅₀ of 882 nM.

Euphol inhibits MGL through a mechanism that is rapid, reversible and non-competitive, shows reversible interaction with Cys201 of MAGL.

Euphol protects 2-AG from degradation in intact rat brain neurons.

References

King AR, et al. Chem Biol. 2009 Oct 30;16(10):1045-52.

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

E-mail: tech@probechem.com