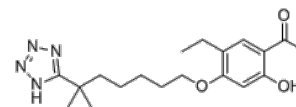


Product Name : LY255283
Cat. No. : PC-21589
CAS No. : 117690-79-6
Molecular Formula : C₁₉H₂₈N₄O₃
Molecular Weight : 360.46
Target : Leukotriene Receptor
Solubility : 10 mM in DMSO



Biological Activity

LY255283 is a selective, competitive antagonist of leukotriene B₄ receptor (**BLT2**) with IC₅₀ of 1 μM, 10-fold selective over BLT1 receptor.

LY255283 inhibits LTB₄-induced contraction of lung parenchyma (pA₂ = 7.2).

LY255283 reduces LTB₄-mediated airway obstruction in guinea pigs following i.v. and oral administration.

References

D K Herron, et al. *J Med Chem.* 1992 May 15;35(10):1818-28.

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

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