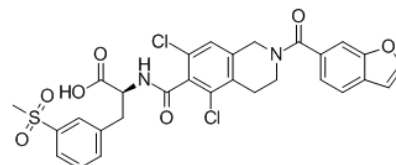


Product Name : Lifitegrast
Cat. No. : PC-45616
CAS No. : 1025967-78-5
Molecular Formula : C₂₉H₂₄Cl₂N₂O₇S
Molecular Weight : 615.4811
Target : Integrin
Solubility : DMSO: ≥ 29 mg/mL



Biological Activity

A potent LFA-1/ICAM-1 antagonist with IC₅₀ of 9 nM in HuT78 cells; exhibits good in vitro safety profile and low potency on CYP3A4, CYP2C9 and hERG; development as an ophthalmic solution for treating dry eye.

Other Indication

Approved

References

Zhong M, et al. ACS Med Chem Lett. 2012 Jan 31;3(3):203-6.

Sun Y, et al. J Ocul Pharmacol Ther. 2013 May;29(4):395-402.

Semba CP, et al. Clin Ophthalmol. 2016 Jun 10;10:1083-94.

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

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