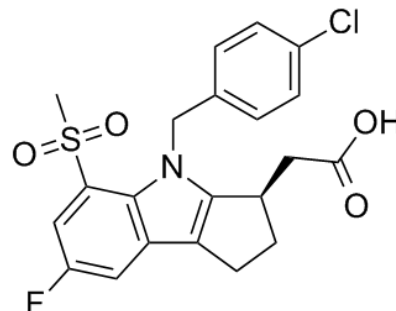


Product Name : Laropiprant
Cat. No. : PC-45826
CAS No. : 571170-77-9
Molecular Formula : C₂₁H₁₉ClFNO₄S
Molecular Weight : 435.8963
Target : Prostaglandin Receptor
Solubility : 10 mM in DMSO



Biological Activity

A potent and selective prostaglandin D₂ (PGD₂) receptor (DP₁) antagonist with K_i of 0.57 nM; shows weaker affinity for TP (K_i=2.95 nM), no significant activity on EP₁, EP₂, EP₃, EP₄, FP, and IP; inhibits the accumulation of cAMP in washed platelets and in platelet-rich plasma challenged with PGD with IC₅₀ of 0.09 nM and 4 nM, respectively; displays an excellent rat pharmacokinetic profile and efficacious in a sheep model of allergic rhinitis.

Dyslipidemia

Withdrawn

References

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Philip G, et al. J Allergy Clin Immunol. 2009 Nov;124(5):942-8.e1-9.

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

E-mail: tech@probechem.com