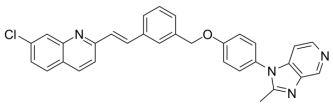
CP-96486

Cat. No.:	HY-100316
CAS No.:	139401-45-9
Molecular Formula:	$C_{31}H_{23}ClN_4O$
Molecular Weight:	502.99
Target:	Leukotriene Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CP-96486 is a potent and orally active leukotriene D_4 (LTD_4)/platelet activating factor (PAF) receptor antagonist with K_is of 20 and 24 nM, respectively.	
IC_{50} & Target	LTD_4 20 nM (Ki)	PAF receptor 24 nM (Ki)
In Vitro	CP-96486 (CP-96,486) antagonizes ^{3}H-LTD4 binding to guinea pig lung membranes and ^{3}H-PAF binding to rabbit platelets with K_i's of 20 and 24 nM respectively[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
In Vivo	CP-96486 (CP-96,486) inhibits iv LTD_4- and iv PAF-induced bronchoconstriction in guinea pigs with ED_{50}'s of 0.27 and 0.26 mg/kg p.o. respectively[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. A.Marfat,et al. The discovery of CP-96,021 and CP-96,486, balanced, combined, potent and orally active leukotriene D4(LTD4)/platelet activating factor (PAF) receptor antagonists.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA