

CP-96486

Catalog No: **tcsc0018467**



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

139401-45-9

Formula:

$C_{31}H_{23}ClN_4O$

Pathway:

GPCR/G Protein

Target:

Leukotriene Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

502.99

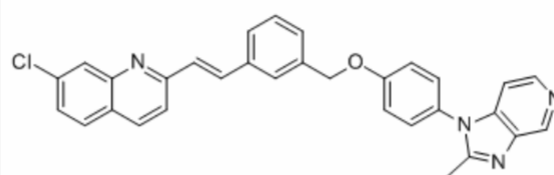
Product Description

CP-96486 is a potent and orally active leukotriene D₄ (**LTD₄**)/platelet activating factor (**PAF**) receptor antagonist with **K_is** of 20 and 24 nM, respectively.

IC50 & Target: Ki: 20 nM (LTD₄ receptor), 24 nM (PAF receptor)^[1]

In Vitro: CP-96486 (CP-96,486) antagonizes ³H-LTD₄ binding to guinea pig lung membranes and ³H-PAF binding to rabbit platelets with K_i's of 20 and 24 nM respectively^[1].

In Vivo: CP-96486 (CP-96,486) inhibits iv LTD₄- and iv PAF-induced bronchoconstriction in guinea pigs with ED₅₀'s of 0.27 and 0.26 mg/kg p.o. respectively^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!