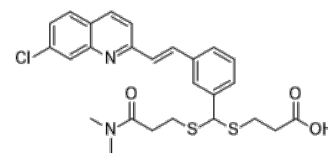


Product Name : MK-571
Cat. No. : PC-26199
CAS No. : 115104-28-4
Molecular Formula : C₂₆H₂₇ClN₂O₃S₂
Molecular Weight : 515.08
Target : Leukotriene Receptor
Solubility : 10 mM in DMSO



Biological Activity

MK-571 (L-660711) is a potent and specific LTD₄ receptor antagonist with K_i of 0.22 nM, also inhibits MRP4 (ABCC4) and ABCC1 (MRP1).

MK-571 effectively blocks LTD₄ activation of recombinant human and mouse CysLT₁ receptors.

MK-571 also is an inhibitor of multidrug resistance protein-1 (MRP1) mediated transportorally active.

References

Gauthier JY, et al. J Med Chem. 1990 Oct;33(10):2841-5.

Vellenga E, et al. Br J Pharmacol. 1999 May;127(2):441-8.

Lynch K, et al. Nature. 1999 Jun 24;399(6738):789-93.

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

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