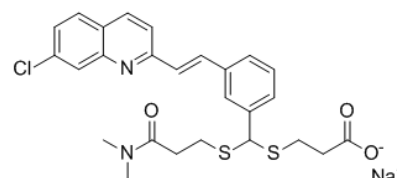


**Product Name** : MK-571 sodium salt  
**Cat. No.** : PC-45775  
**CAS No.** : 115103-85-0  
**Molecular Formula** : C<sub>26</sub>H<sub>26</sub>ClN<sub>2</sub>NaO<sub>3</sub>S<sub>2</sub>  
**Molecular Weight** : 537.069  
**Target** : Leukotriene Receptor  
**Solubility** :



## Biological Activity

MK-571 sodium is a potent and specific **LTD4 receptor** antagonist with Ki of 0.22 nM. MK-571 sodium effectively blocks LTD4 activation of recombinant human and mouse CysLT1 receptors. MK-571 sodium 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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