

## MK-571, Leukotriene Cys LT1 antagonist

Catalog	Unit
TBI1039-5MG	5 mg
TBI1039-25MG	25 mg

### Product Details

**Formal Name:** 5-(3-(2-(7-Chloroquinolin-2-yl)ethenyl)phenyl)-8-dimethylcarbonyl-4,6-dithiaoctanoic acid, sodium salt

**Alternate Names:** L-660711

**Molecular Formula:** C<sub>26</sub>H<sub>26</sub>ClN<sub>2</sub>O<sub>3</sub>S<sub>2</sub> · Na

**Formula Weight:** 537.10

**CAS Number:** 115104-28-4

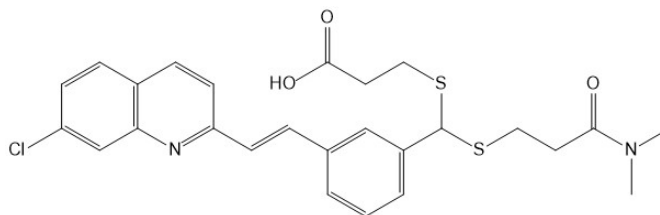
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml).

**Storage:** RT

**Stability:** ≥ 1 year.



### Applications

Leukotriene Cys LT1 antagonist

### Functions

Potent (EC<sub>50</sub> = 1.3nM) and selective Leukotriene D4 antagonist(LTD4) displaying inverse agonist activity, Blocks binding of LTD4 to human (K<sub>i</sub> = 0.22 nM) and guinea pig (K<sub>i</sub> = 2.1 nM) lung membranes. Selective for the CysLT1 receptor. Multidrug resistance protein 1 (MRP1) inhibitor.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

**For research use only.**