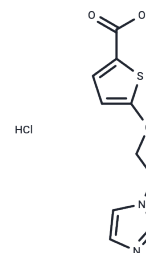


LG 82-4-00

## Chemical Properties

CAS No. : 91505-18-9  
 Formula: C<sub>10</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>3</sub>S  
 Molecular Weight: 274.72  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	LG 82-4-00 is an inhibitor of thromboxane.
Targets(IC50)	Others,Prostaglandin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6401 mL	18.2003 mL	36.4007 mL
5 mM	0.728 mL	3.6401 mL	7.2801 mL
10 mM	0.364 mL	1.820 mL	3.6401 mL
50 mM	0.0728 mL	0.364 mL	0.728 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Smith EF 3rd, Darius H, Ferber H, Schrör K. Inhibition of thromboxane and 12-HPETE formation by dazoxiben and its two thiophenic acid-substituted derivatives. Eur J Pharmacol. 1985 Jun 7;112(2):161-9. PubMed PMID: 3896821.  
 Asai F, Schrör K. Different effects of thromboxane synthetase inhibition on PGI<sub>2</sub> and PGE<sub>2</sub> synthesis in human vascular tissue bathed in clotting blood. Prog Clin Biol Res. 1987;242:259-64. PubMed PMID: 3313413.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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