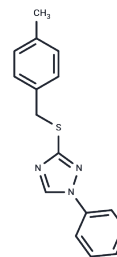


MLS000536924

## Chemical Properties

CAS No. : 511306-37-9  
 Formula: C<sub>16</sub>H<sub>15</sub>N<sub>3</sub>S  
 Molecular Weight: 281.38  
 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	MLS000536924 is a potent and selective competitive human epithelial 15-lipoxygenase-2 inhibitor.
Targets(IC50)	Others,Lipoxygenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5539 mL	17.7696 mL	35.5391 mL
5 mM	0.7108 mL	3.5539 mL	7.1078 mL
10 mM	0.3554 mL	1.777 mL	3.5539 mL
50 mM	0.0711 mL	0.3554 mL	0.7108 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

Jameson JB 2nd, Kantz A, Schultz L, Kalyanaraman C, Jacobson MP, Maloney DJ, Jadhav A, Simeonov A, Holman TR. A high throughput screen identifies potent and selective inhibitors to human epithelial 15-lipoxygenase-2. PLoS One. 2014 Aug 11;9(8):e104094. doi: 10.1371/journal.pone.0104094. eCollection 2014. PubMed PMID: 25111178; PubMed Central PMCID: PMC4128814.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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