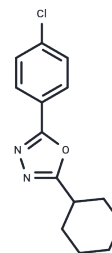


MLS000545091

Chemical Properties

CAS No. : 322666-76-2
 Formula: C₁₄H₁₅ClN₂O
 Molecular Weight: 262.73
 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	MLS000545091 is a potent and selective human epithelial 15-lipoxygenase-2 (mixed-type) inhibitor.
Targets(IC50)	Others,Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8062 mL	19.0309 mL	38.0619 mL
5 mM	0.7612 mL	3.8062 mL	7.6124 mL
10 mM	0.3806 mL	1.9031 mL	3.8062 mL
50 mM	0.0761 mL	0.3806 mL	0.7612 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, et al. A high throughput screen identifies potent and selective inhibitors to human epithelial 15-lipoxygenase-2. PLoS One. 2014 Aug 11;9(8):e104094.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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