

ZL004

## Chemical Properties

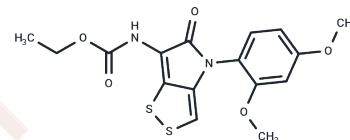
CAS No. : 1015064-87-5

Formula: C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub>S<sub>2</sub>

Molecular Weight: 380.44

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	ZL-004 increases white blood cell counts and was developed for extended-release nanosuspensions to improve low solubility and compliance of patients.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6285 mL	13.1427 mL	26.2854 mL
5 mM	0.5257 mL	2.6285 mL	5.2571 mL
10 mM	0.2629 mL	1.3143 mL	2.6285 mL
50 mM	0.0526 mL	0.2629 mL	0.5257 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

Guo C, et al. Optimization of Extended-Release ZL-004 Nanosuspensions for In Vivo Pharmacokinetic Study to Enhance Low Solubility and Compliance. *Molecules*. 2018 Dec 20;24(1):7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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