

CAY10614

## Chemical Properties

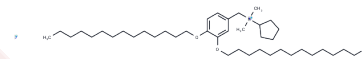
CAS No. : 1202208-36-3

Formula: C42H78INO2

Molecular Weight: 755.995

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	CAY10614 is a TLR4 antagonist. CAY10614 inhibits lipid A-induced activation of TLR4 (IC50=1.675 $\mu$ M). CAY10614 also improves survival in LPS-induced shock model mice.
Targets(IC50)	Others,TLR

## Solubility Information

Solubility	DMSO: 0.14 mg/mL (0.19 mM),Sonication is recommended. DMF: 0.15 mg/mL (0.2 mM),Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3228 mL	6.6138 mL	13.2275 mL
5 mM	0.2646 mL	1.3228 mL	2.6455 mL
10 mM	0.1323 mL	0.6614 mL	1.3228 mL
50 mM	0.0265 mL	0.1323 mL	0.2646 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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