

VB 201

## Chemical Properties

CAS No. : 630112-41-3

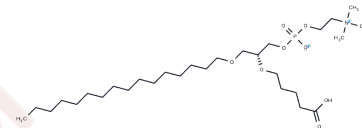
Formula: C29H60NO8P

Molecular Weight: 581.76

Store at low temperature

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	VB 201 is an oxidized phospholipid small molecule with anti-inflammatory activity that inhibits CD14 and Toll-like receptor 2-dependent innate cell activation and limits atherosclerosis, and can be used to study atherosclerosis.
Targets(IC50)	Endogenous Metabolite,TLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7189 mL	8.5946 mL	17.1892 mL
5 mM	0.3438 mL	1.7189 mL	3.4378 mL
10 mM	0.1719 mL	0.8595 mL	1.7189 mL
50 mM	0.0344 mL	0.1719 mL	0.3438 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

Mendel I, et al. VB-201, an oxidized phospholipid small molecule, inhibits CD14- and Toll-like receptor-2-dependent innate cell activation and constrains atherosclerosis. Clin Exp Immunol. 2014 Jan;175(1):126-37.

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