

## (S)-Batylalcohol

## Chemical Properties

CAS No. :	6129-13-1
Formula:	C <sub>21</sub> H <sub>44</sub> O <sub>3</sub>
Molecular Weight:	344.572
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	(S)-Batylalcohol (1-O-Octadecyl-sn-glycerol) is an analogue of phosphonoformic acid (PFA) and demonstrates higher in vitro antiviral activity against human immunodeficiency virus type 1 (HIV-1) compared to PFA. This compound is applicable in antiretroviral research.
Targets(IC50)	HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9022 mL	14.5108 mL	29.0217 mL
5 mM	0.5804 mL	2.9022 mL	5.8043 mL
10 mM	0.2902 mL	1.4511 mL	2.9022 mL
50 mM	0.058 mL	0.2902 mL	0.5804 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.

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