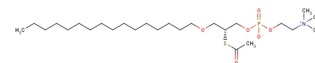


## 2-Thio-PAF

## Chemical Properties

CAS No.:	96801-55-7
Formula:	C <sub>26</sub> H <sub>54</sub> NO <sub>6</sub> PS
Molecular Weight:	539.75
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	2-Thio-PAF is a synthetic analog of PAF used in a colorimetric assay for PAF acetylhydrolase.
Targets(IC <sub>50</sub> )	Others: None
In vitro	2-Thio-PAF induced platelet-aggregation that was inhibited by previous incubation of the substrate with saliva or salivary gland homogenates.

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.853 mL	9.264 mL	18.527 mL
5 mM	0.371 mL	1.853 mL	3.705 mL
10 mM	0.185 mL	0.926 mL	1.853 mL
50 mM	0.037 mL	0.185 mL	0.371 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Côte-Real R, et al. The activity of platelet activating factor-acetyl hydrolase (PAF-AH) in the salivary glands of *Rhodnius prolixus*. J Insect Physiol. 2011 Jun;57(6):825-9.

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