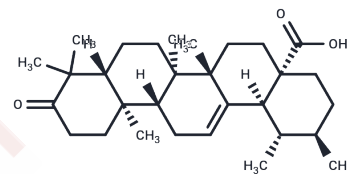


## Ursonic Acid

## Chemical Properties

CAS No. : 6246-46-4  
 Formula: C<sub>30</sub>H<sub>46</sub>O<sub>3</sub>  
 Molecular Weight: 454.68  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Ursonic Acid (TOS-BB-0966) belongs to the family of Ursane Triterpenes whose structure is based on the pentacyclic ursane skeleton. It has potential as HIV-1 Protease Inhibitor.
Targets(IC50)	Apoptosis,HIV Protease,Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 50 mg/mL (109.97 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	2.1993 mL	10.9967 mL	21.9935 mL
5 mM	0.4399 mL	2.1993 mL	4.3987 mL
10 mM	0.2199 mL	1.0997 mL	2.1993 mL
50 mM	0.044 mL	0.2199 mL	0.4399 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.

## Reference

Yanuar A, et al. Bioinformation. 2014 Feb 19;10(2):52-5.

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