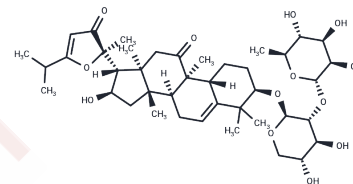


## Picfeltaerinen IA

## Chemical Properties

CAS No. : 97230-47-2  
 Formula: C<sub>41</sub>H<sub>62</sub>O<sub>13</sub>  
 Molecular Weight: 762.92  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	1. Picfeltaerinen IA (Picfeltaerinen A), IB, IV, X, XI are stronger AChE inhibitions than the known AChE inhibitor Tacrine.
Targets(IC50)	Cholinesterase (ChE)

## Solubility Information

Solubility	DMSO: 91 mg/mL (119.28 mM), Sonication is recommended. Pyridine, Methanol, etc.: Soluble, Ethanol: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3108 mL	6.5538 mL	13.1075 mL
5 mM	0.2622 mL	1.3108 mL	2.6215 mL
10 mM	0.1311 mL	0.6554 mL	1.3108 mL
50 mM	0.0262 mL	0.1311 mL	0.2622 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

Shi R , Wang Q , Ouyang Y , et al. Picfeltaerinen IA inhibits lipopolysaccharide-induced inflammatory cytokine production by the nuclear factor- $\kappa$ B pathway in human pulmonary epithelial A549 cells[J]. Oncology Letters, 2016, 11(2):1195-1200.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481