

## Agrimol B

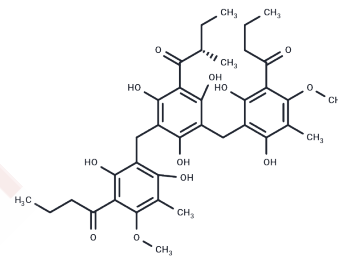
### Chemical Properties

CAS No. : 55576-66-4

Formula: C37H46O12

Molecular Weight: 682.75

Storage: Keep away from moisture, Keep away from direct sunlight  
 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	1. Agrimol B is a main active ingredient isolated from Agrimonia pilosa Ledeb.
Targets(IC50)	Antibacterial, Fatty Acid Synthase, c-Myc, PPAR, Sirtuin

### Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble) DMSO: 6.83 mg/mL (10 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4647 mL	7.3233 mL	14.6466 mL
5 mM	0.2929 mL	1.4647 mL	2.9293 mL
10 mM	0.1465 mL	0.7323 mL	1.4647 mL
50 mM	0.0293 mL	0.1465 mL	0.2929 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

Chun S B, Yang B R, Choi C W, et al. Antibacterial Activities against Plant Pathogens and Identification of Agrimol B from Agrimonia pilosa LEDEB[J]. The Korean Journal of Pesticide Science, 2006, 10(3):230-6.

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