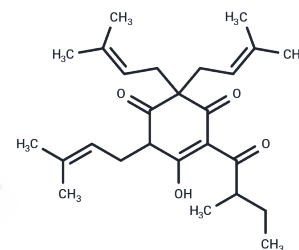


Adlupulone

Chemical Properties

CAS No. :	28374-71-2
Formula:	C ₂₆ H ₃₈ O ₄
Molecular Weight:	414.58
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	Adlupulone is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4121 mL	12.0604 mL	24.1208 mL
5 mM	0.4824 mL	2.4121 mL	4.8242 mL
10 mM	0.2412 mL	1.206 mL	2.4121 mL
50 mM	0.0482 mL	0.2412 mL	0.4824 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

- Gaid M, Haas P, Beuerle T, Scholl S, Beerhues L. Hyperforin production in *Hypericum perforatum* root cultures. *J Biotechnol.* 2016 Mar 20;222:47-55. doi: 10.1016/j.jbiotec.2016.02.016. Epub 2016 Feb 10. PubMed PMID: 26876610.
- Kao TH, Wu GY. Simultaneous determination of prenylflavonoid and hop bitter acid in beer lee by HPLC-DAD-MS. *Food Chem.* 2013 Nov 15;141(2):1218-26. doi: 10.1016/j.foodchem.2013.04.032. Epub 2013 Apr 18. PubMed PMID: 23790907.
- Cai X, Xia L, Sun Y, Li T, Xia M. [Analysis of six acidic components in hops extracts by high performance liquid chromatography]. *Se Pu.* 2011 Oct;29(10):983-7. Chinese. PubMed PMID: 22268354.
- Kac J, Zakrajsek J, Mlinaric A, Kreft S, Filipic M. Determination of xanthohumol in hops (*Humulus lupulus* L.) by nonaqueous CE. *Electrophoresis.* 2007 Mar;28(6):965-9. PubMed PMID: 17309054.

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