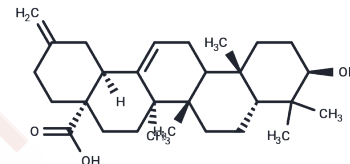


3 α -Akebonoic Acid

Chemical Properties

CAS No. :	104777-61-9
Formula:	C ₂₉ H ₄₄ O ₃
Molecular Weight:	440.67
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	3 α -Akebonoic acid is a natural product isolated from <i>Holboellia coriacea</i> Diels with antitumor activity.
Targets(IC50)	Others, Antibacterial, Glucosidase, glycosidase

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2693 mL	11.3464 mL	22.6927 mL
5 mM	0.4539 mL	2.2693 mL	4.5385 mL
10 mM	0.2269 mL	1.1346 mL	2.2693 mL
50 mM	0.0454 mL	0.2269 mL	0.4539 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

- Ding W, Li Y, Li G, He H, Li Z, Li Y. New 30-Noroleanane Triterpenoid Saponins from *Holboellia coriacea* Diels. *Molecules*. 2016 Jun 4;21(6). pii: E734. doi: 10.3390/molecules21060734. PubMed PMID: 27271590.
- Wang J, Xu QL, Zheng MF, Ren H, Lei T, Wu P, Zhou ZY, Wei XY, Tan JW. Bioactive 30-noroleanane triterpenes from the pericarps of *Akebia trifoliata*. *Molecules*. 2014 Apr 4;19(4):4301-12. doi: 10.3390/molecules19044301. PubMed PMID: 24714192.

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