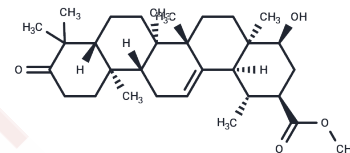


## Regelin

## Chemical Properties

CAS No. :	109974-21-2
Formula:	C <sub>31</sub> H <sub>48</sub> O <sub>4</sub>
Molecular Weight:	484.71
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	Regelin is an antitumor ursene-type triterpenoid isolated from <i>Tripterygium regelii</i> .
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0631 mL	10.3154 mL	20.6309 mL
5 mM	0.4126 mL	2.0631 mL	4.1262 mL
10 mM	0.2063 mL	1.0315 mL	2.0631 mL
50 mM	0.0413 mL	0.2063 mL	0.4126 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

- Hori H, Pang GM, Harimaya K, Iitaka Y, Inayama S. Isolation and structure of regelin and regelinol, new antitumor ursene-type triterpenoids from *Tripterygium regelii*. *Chem Pharm Bull (Tokyo)*. 1987 May;35(5):2125-8. PubMed PMID: 3664820.
- Regelin N, Montaruli E. Images in clinical medicine. Disseminated Lyme disease. *N Engl J Med*. 2015 May 28;372(22):2136. doi: 10.1056/NEJMicm1408084. PubMed PMID: 26017824.
- Fan D, Parhira S, Zhu GY, Jiang ZH, Bai LP. Triterpenoids from the stems of *Tripterygium regelii*. *Fitoterapia*. 2016 Sep;113:69-73. doi: 10.1016/j.fitote.2016.07.006. Epub 2016 Jul 15. PubMed PMID: 27425447.
- Regelin M, Blume J, Pommerencke J, Vakilzadeh R, Witzlau K, Łyszkiewicz M, Ziętara N, Saran N, Schambach A, Krueger A. Responsiveness of Developing T Cells to IL-7 Signals Is Sustained by miR-1792. *J Immunol*. 2015 Nov 15;195(10):4832-40. doi: 10.4049/jimmunol.1402248. Epub 2015 Oct 16. PubMed PMID: 26475928.

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