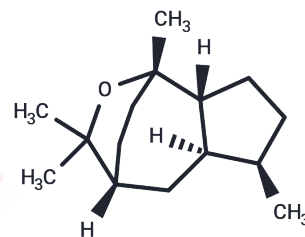


## Kessane

## Chemical Properties

CAS No. :	3321-66-2
Formula:	C <sub>15</sub> H <sub>26</sub> O
Molecular Weight:	222.37
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	Kessane is a sesquiterpenoid oxide isolated from Japanese valerians.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.497 mL	22.485 mL	44.9701 mL
5 mM	0.8994 mL	4.497 mL	8.994 mL
10 mM	0.4497 mL	2.2485 mL	4.497 mL
50 mM	0.0899 mL	0.4497 mL	0.8994 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

- HIKINO H, HIKINO Y, TAKESHITA Y, SHIRATA K, TAKEMOTO T. Structure of kessane. Chem Pharm Bull (Tokyo). 1963 Apr;11:547-8. PubMed PMID: 13954452.
- Hikino H, Hikino Y, Takeshita Y, Shirata K, Takemoto T. Structure and absolute configuration of kessane. Chem Pharm Bull (Tokyo). 1967 Mar;15(3):321-4. PubMed PMID: 6075486.
- Raina AP, Negi KS. Essential oil composition of valeriana jatamansi jones from himalayan regions of India. Indian J Pharm Sci. 2015 Mar-Apr;77(2):218-22. PubMed PMID: 26009656; PubMed Central PMCID: PMC4442472.
- Booker-Milburn KI, Jenkins H, Charmant JP, Mohr P. Synthesis of the reported structure of pogostol and a total aynthesis of (+/-)-kessane without the use of protecting groups. Org Lett. 2003 Sep 4;5(18):3309-12. PubMed PMID: 12943414.

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