

Kefton-2

Chemical Properties

CAS No. :	6041-00-5
Formula:	C ₃₁ H ₄₀ O ₂
Molecular Weight:	444.659
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	Kefton-2 is bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2489 mL	11.2445 mL	22.4891 mL
5 mM	0.4498 mL	2.2489 mL	4.4978 mL
10 mM	0.2249 mL	1.1245 mL	2.2489 mL
50 mM	0.045 mL	0.2249 mL	0.4498 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

- Iwamoto J. Vitamin K₂ therapy for postmenopausal osteoporosis. *Nutrients*. 2014 May 16;6(5):1971-80. doi: 10.3390/nu6051971. Review. PubMed PMID: 24841104; PubMed Central PMCID: PMC4042573.
- Inoue T, Dohara Y, Sugihara K, Fujisaki S, Nagatani Y. [Intravenous Kefton-2, a hemostatic, in oral surgery]. *Shikai Tenbo*. 1980 Nov;56(5):871-5. Japanese. PubMed PMID: 6942517.
- Shearer MJ, Newman P. Recent trends in the metabolism and cell biology of vitamin K with special reference to vitamin K cycling and MK-4 biosynthesis. *J Lipid Res*. 2014 Mar;55(3):345-62. doi: 10.1194/jlr.R045559. Epub 2014 Jan 31. Review. PubMed PMID: 24489112; PubMed Central PMCID: PMC3934721.
- Jiang Y, Zhang ZL, Zhang ZL, Zhu HM, Wu YY, Cheng Q, Wu FL, Xing XP, Liu JL, Yu W, Meng XW. Menatetrenone versus alfacalcidol in the treatment of Chinese postmenopausal women with osteoporosis: a multicenter, randomized, double-blinded, double-dummy, positive drug-controlled clinical trial. *Clin Interv Aging*. 2014;9:121-7. doi: 10.2147/CIA.S54107. Epub 2014 Jan 8. PubMed PMID: 24426779; PubMed Central PMCID: PMC3890406.

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