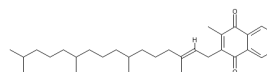


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## PHYSICAL AND CHEMICAL PROPERTIES

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<b>Product Name:</b>	Vitamin K1
<b>Catalog Number:</b>	BCN2209
<b>Cas No.:</b>	84-80-0
<b>Formula:</b>	C <sub>31</sub> H <sub>46</sub> O <sub>2</sub>
<b>M.Wt:</b>	450.7
<b>Purity:</b>	>98%
<b>Physical Description:</b>	Yellow oil
<b>Synonyms:</b>	Phylloquinone; Phytomenadione
<b>Chemical Name:</b>	2-methyl-3-[(E)-3,7,11,15-tetramethylhexadec-2-enyl]naphthalene-1,4-dione
<b>SMILES:</b>	<chem>CC1=C(C(=O)C2=CC=CC=C2C1=O)CC=C(C)CCCC(C)CCCC(C)CCCC(C)C</chem>
<b>Solubility:</b>	Ethanol : ≥ 50 mg/mL (110.94 mM) DMSO : 5.6 mg/mL (12.43 mM; Need ultrasonic and warming) *"≥" means soluble, but saturation unknown.



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## STORAGE AND SHIPPING

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<b>Storage:</b>	Store the product in sealed, cool and dry condition.
<b>General tips:</b>	For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months.
<b>Shipping Condition:</b>	Ship with RT , or blue ice upon request

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## INTENDED USE

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1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

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## CAUTION!

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**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most BioCrick products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the*

*product, follow the storage recommendations on the product data sheet.*

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