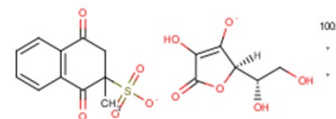


## Vitamin CK3

## Chemical Properties

CAS No.:	1085703-32-7
Formula:	C <sub>17</sub> H <sub>16</sub> Na <sub>2</sub> O <sub>11</sub> S
Molecular Weight:	474.35
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Vitamin CK3 is the combination of Vitamin C and vitamin K3 and has been shown to inhibit tumor growth and lung metastasis.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	DMSO: 10 mg/mL (21.08 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.108 mL	10.541 mL	21.081 mL
5 mM	0.422 mL	2.108 mL	4.216 mL
10 mM	0.211 mL	1.054 mL	2.108 mL
50 mM	0.042 mL	0.211 mL	0.422 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. Chen MF, et al. Inhibitory effect of vitamin C in combination with vitamin K3 on tumor growth and metastasis of Lewis lung carcinoma xenografted in C57BL/6 mice. *Nutr Cancer*. 2011;63(7):1036-43.

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