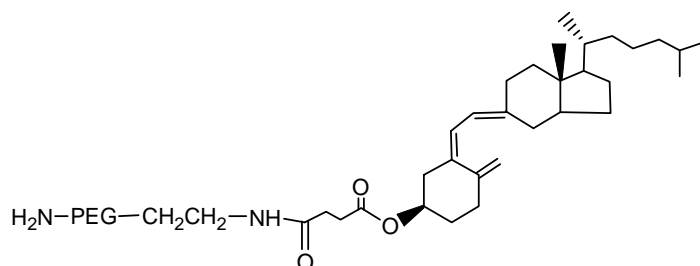


TECHNICAL DATA SHEET**Vitamin D PEG amine, MW 1k, 2k, 3400, 5k, 10k, 20k**

Catalog Numbers: PG2-AMVD-1k, 2k, 3k, 5k, 10k, 20k.

Description:

Vitamin D PEG amine is one of Nanocs' chemical and bioactive PEG derivatives. Vitamin D is a fat-soluble secosteroid, also known as cholecalciferol (vitamin D3) or ergocalciferol (vitamin D2). Vitamin D is an essential component to enhancing intestinal absorption of calcium, iron, magnesium, phosphate and zinc. Polyethylene glycol modified vitamin D derivatives offered from Nanocs are mainly from the modification of cholecalciferol. These vitamin D3 derivatives have good water solubility yet remain the functionalities of vitamin D. Our vitamin D PEG derivatives have been used successfully in cell membrane imaging, liposome particle formation and many other applications.

Product Structure:**Product Specifications:**

- Composition: Cholecalciferol PEG amine.
- Appearance: White to off-white solid or semi-solid depends on molecular weight.
- Solubility: Soluble in water, chloroform, DMSO, DMF, etc.
- Stability: >6 months at -20 °C.

Handling and Use:

Vitamin D PEG amine should always be kept in low temperature in dry condition. Prepare fresh solution right before use. Avoid frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

Vitamin D PEG should be stored at -20 °C. Desiccate. Protect from light. Re-test material after 6 months.

This product is for research use only and is not intended for use in humans or for diagnostic use.

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