



## Vitamin K2 Standard (DAG-ZL1920)

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

### PRODUCT INFORMATION

<b>Purity</b>	≥98%
<b>Conjugate</b>	N/A
<b>Cas.No</b>	2124-57-4
<b>Applications</b>	Standard
<b>Molecular Weight</b>	649 g/mol
<b>Format</b>	Solid
<b>Size</b>	10 mg
<b>Storage</b>	Store at -20°C

### BACKGROUND

**Introduction** Vitamin K2 (menaquinone) is a fat-soluble vitamin essential for  $\gamma$ -carboxylation of coagulation and bone matrix proteins. It regulates calcium distribution between bone and vasculature. Vitamin K2 is widely studied in bone metabolism, vascular calcification, and mitochondrial function. Different menaquinone isoforms are also used to compare bioavailability and tissue distribution.

**Keywords** Vitamin K2; Menaquinone; MK-4 (common form)

### GENE INFORMATION

**Official Symbol** Vitamin K2