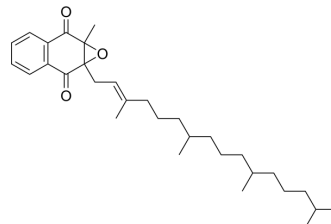


## Vitamin K1 2,3-epoxide

Cat. No.:	HY-113164
CAS No.:	25486-55-9
Molecular Formula:	C <sub>31</sub> H <sub>46</sub> O <sub>3</sub>
Molecular Weight:	466.7
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Vitamin K1 2,3-epoxide is an inactive metabolite form of Vitamin K1 (HY-N0684), which is reduced to active vitamin by microsomal epoxide reductase in the vitamin K epoxide cycle. Vitamin K1 2,3-epoxide is involved in blood clotting<sup>[1]</sup>.

### REFERENCES

[1]. Bechtold H, et al., Cyclic interconversion of vitamin K1 and vitamin K1 2,3-epoxide in man. Br J Clin Pharmacol. 1983 Dec;16(6):683-9.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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