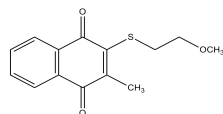


Product: VK3-OCH3**ALTERNATE NAME:** 2-[(2-Methoxyethyl)thio]-3-methyl-1,4-naphthalenedione;
VK3-OMe**CATALOG #:** 2694-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₄H₁₄O₃S**MOLECULAR WEIGHT:** 262.32**CAS NUMBER:** 255906-59-3**APPEARANCE:** Light orange to dark orange powder**SOLUBILITY:** DMSO (~10 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** VK3-OCH3 is a Vitamin K3 (Menadione) analog that displays potent antitumor activity. It has been shown to induce G2/M arrest and apoptosis in neuroblastoma cells with much less cytotoxicity towards normal cells. VK3-OCH3 is believed to act through up-regulation of heme oxygenase (HO)-1.**REFERENCES:** Kitano, T., *et al.* (2012). *Biol. & Pharm Bull.* **35**, 617-623.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Heme Oxygenase-1 Antibody (Cat. No. 3391-100)

Heme Oxygenase-2 Antibody (Cat. No. 3392-100)

FOR RESEARCH USE ONLY! Not to be used on humans.