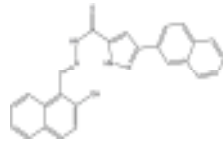


PRODUCT: Sphingosine Kinase Inhibitor, SKI-I**ALTERNATE NAME:** 5-naphthalen-2-yl-2H-pyrazole-3-carboxylic acid (2-hydroxy-naphthalen-1-ylmethylene)-hydrazide**CATALOG #:** 2046-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₅H₁₈N₄O₂**MOLECULAR WEIGHT:** 406.44**CAS NUMBER:** 306301-68-8**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO**PURITY:** ≥90% by NMR**STORAGE:** Store at -20 °C. Protect from light.**DESCRIPTION:** Cell-permeable. SKI-I is a non-lipid pan-sphingosine kinase (SK) inhibitor that inhibits both SK1 and SK2 to suppress the production of pro-mitogenic sphingosine 1-phosphate (S1P) and promote cell death. Also induces autophagy.**REFERENCES:** Young, M.M., et al. (2012). *J. Biol. Chem.* **287**, 12455-12468.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Sphingosine Kinase Inhibitor, SKI-I (**Cat. No. 2047-5, 25**)Sphingosine Kinase 1 Antibody (**Cat. No. 3883-100**)Sphingosine Kinase 2 Antibody (**Cat. No. 3884-100**)PhosphoSeek™ Sphingosine Kinase Assay kit (**Cat. No. K708-400**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**