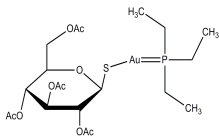


PRODUCT: Auranofin**ALTERNATE NAME:** 1-Thio-β-D-glucopyranosatotriethylphosphine gold-2,3,4,6-tetraacetate; SKF39162**CATALOG #:** 2219-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₀H₃₄AuO₉PS**MOLECULAR WEIGHT:** 678.48**CAS NUMBER:** 34031-32-8**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (100 mM) or Ethanol (50 mM)**PURITY:** ≥98% by NMR**STORAGE:** Room temperature. Protect from air and moisture**DESCRIPTION:** An anti-arthritis drug that inhibits various leukocyte activation pathways at multiple sites. Inhibits release of inflammatory mediators from human basophils, pulmonary mast cells and macrophages. Also inhibits human neutrophil 5-lipoxygenase. Inhibits IκB kinase (IKK) by modifying Cys¹⁷⁹ of the IKKβ subunit. Efficient inducer of mitochondrial membrane permeability transition via the inhibition of mitochondrial thioredoxin reductase (TrxR).**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Curcumin, Curcuma longa (**Cat. No. 1850-10, 50**)Decylubiquinone (**Cat. No. 2099-1, 10**)**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*