

Auranofin

Cat. No. CEI-0552

Lot. No. (See product label)

Introduction

Description An anti-arthritic 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).

Synonyms SKF39162

Product Information

Appearance Red solid

CAS No. 34031-32-8

Molecular Formula C₂₀H₃₄AuO₉PS

Chemical Name 1-Thio-β-D-glucopyranosatotriethylphosphine gold-2,3,4,6-tetraacetate

Molecular Weight 445.42

Purity >98% by NMR

Targets Leukocyte activation pathways

Solubility DMSO (25 mM)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack