

## 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 I $\kappa$ B kinase (IKK) by modifying Cys179 of the IKK $\beta$  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

C<sub>20</sub>H<sub>34</sub>AuO<sub>9</sub>PS

#### Chemical Name

1-Thio- $\beta$ -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