

Auranofin, IKK inhibitor

Catalog	Unit
TBI2373-50MG	50 mg

Product Details

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

Alternate Names: SKF-39162

Molecular Formula: C₂₀H₃₄AuO₉PS

Formula Weight: 678.49

CAS Number: 34031-32-8

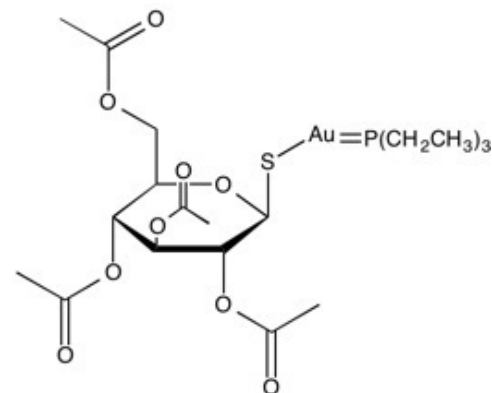
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml) or in Ethanol (up to 4 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

IKK inhibitor

Functions

Disease-modifying antirheumatic drug (DMARD). Potent inhibitor of selenoenzyme thioredoxin reductase and IκB kinase (IKK) by modifying Cys-179. Auranofin is an efficient inducer of mitochondrial membrane permeability transition pore in the presence of calcium ions.

Application Procedures

First dissolved in DMSO (up to 5 mg/ml) or in Ethanol (up to 4 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 2 months.

For research use only.