

Catalog	Unit
TBI1110-50MG	50 mg
TBI1110-250MG	250 mg

Product Details

Formal Name: 21-[4-(2,6-di-1-pyrrolidinyl-4-pyrimidinyl)-1-piperazinyl]-pregna-1,4,9(11)-triene-3,20-dione maleate salt

Molecular Formula: C₃₇H₅₀N₆O₂ • C₄H₄O₄

Formula Weight: 726.9

CAS Number: 153190-29-5

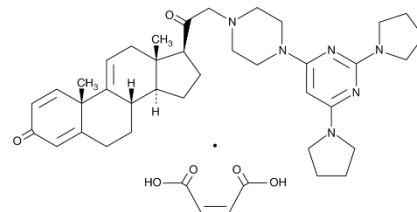
Purity: ≥99%

Formulation: Powder

Solubility: DMF (36.3 mg/ml), DMSO (35.3 mg/ml), or Ethanol (1.36 mg/ml)

Storage: -20°C

Stability: ≥ 4 years



Applications

Free radical scavenger

Functions

U-74389G is an antioxidant which prevents both arachidonic acid-induced and iron-dependent lipid peroxidation. It protects against IR injury in animal heart, liver, and kidney models.

Application Procedures

First dissolved in DMF (36.3 mg/ml), DMSO (35.3 mg/ml), or Ethanol (1.36 mg/ml), then diluted to aqueous buffer. Solutions in DMF, DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.