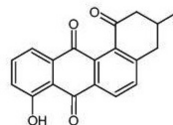


Product Name : STA-21 (b)
Synonyms : STA21;Ochromycinone; NSC 628869
Cat No. : M17821
CAS Number : 111540-00-2
Molecular Formula : C₁₉H₁₄O₄
Formula Weight : 306.31
Chemical Name : 8-hydroxy-3-methyl-3,4-dihydrotetraphene-1,7,12(2H)-trione



Description : STA-21 is a promising STAT-3 inhibitor that reciprocally regulates Th17 and Treg cells, inhibits osteoclastogenesis in mice and humans and alleviates autoimmune inflammation in an experimental model of rheumatoid arthritis. STA-21 improved the clinical course of arthritis in IL-1Ra-KO mice. It increased not only the number of Treg cells but also the function of the Treg cells. It also suppressed Th17 cells and osteoclast formation. These data suggest that STA-21 might be an effective treatment for patients with RA.

Pathway : Cytoskeleton/Cell Adhesion Molecules

Target : HSP

Receptor : STAT3

Solubility : —

SMILES : CC1CC2=C(C(=O)C1)C3=C(C=C2)C(=O)C4=C(C3=O)C=CC=C4O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :