

Talaroterphenyl A

Chemical Properties

CAS No. :

Formula: C₂₂H₂₀O₅

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

| | |
|---------------|--|
| Description | Talaroterphenyl A (compound 1) is a p-terphenyl derivative isolated from the fungus <i>Talaromyces</i> sp. SCSIO 41412, found in mangrove sediment. It acts as a phosphodiesterase 4 (PDE4) inhibitor with an IC ₅₀ of 1.2 μM. Additionally, Talaroterphenyl A exhibits anti-inflammatory and antifibrotic properties, significantly reducing mRNA levels of pro-inflammatory cytokines IL-6, TNF-α, and IL-1β. |
| Targets(IC50) | PDE |

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481