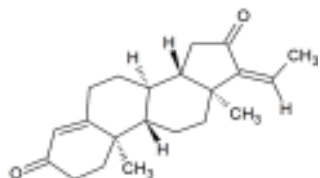


(Z)-Guggulsterone

ALTERNATE NAME: 4,17(20)-trans-Pregnadiene-3,16-dione
(17Z)-Pregna-4,17(20)-diene-3,16-dione

CATALOG #: B2773-5 5 mg
B2773-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₈O₂

MOLECULAR WEIGHT: 312.45

CAS NUMBER: 39025-23-5

APPEARANCE: Off-white solid

PURITY: ≥98%

SOLUBILITY: >5 mg/ml DMSO

DESCRIPTION: (Z)-Guggulsterone is a synthetic form of the guggul tree plant steroid that displays an ability to lower LDL cholesterol and triglyceride levels. Acts as a selective antagonist of farnesoid X receptor (FXR) and inhibits FXR transactivation (IC₅₀ = 10 μM in the presence of 100 μM chenodeoxycholic acid). Does not activate or inhibit transactivation of liver X receptor α (LXRα), peroxisome proliferator activated receptor γ (PPARγ), or retinoid X receptor α (RXRα).

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Chenodeoxycholic acid (2831)
Fexaramine (B1156)
Nidufexor (B3029)
Cilofexor (B2604)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*