

Product Name	: (Z)-Guggulsterone
Synonyms	: —
Cat No.	: M24353
CAS Number	: 39025-23-5
Molecular Formula	: C ₂₁ H ₂₈ O ₂
Formula Weight	: 312.5
Chemical Name	: —
Description	: (Z)-Guggulsterone inhibits the growth of human prostate cancer cells by causing apoptosis. Z-guggulsterone inhibits angiogenesis by suppressing the VEGF–VEGF-R2–Akt signaling axis.
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: Akt
Receptor	: Akt;VEGF-R2
Solubility	: DMSO:10 mg/mL?(32.01 mM; ?ultrasonic and warming and heat to 60°C)
SMILES	: <chem>C/C=C/1\C(=O)C[C@@H]2[C@@]1(CC[C@H]3[C@H]2CC=C4C(=O)CC[C@]34C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Xiao D, et al. z-Guggulsterone, a constituent of Ayurvedic medicinal plant Commiphora mukul, inhibits angiogenesis in vitro and in vivo. Mol Cancer Ther. 2008 Jan;7(1):171-80.