

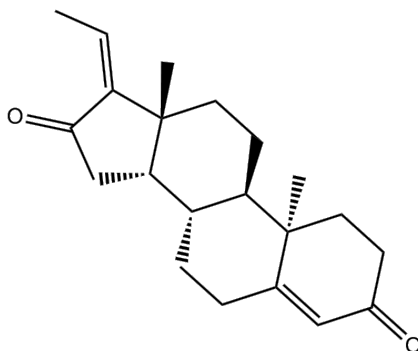
## Certificate of Analysis

Product Name: Z-Guggulsterone  
Cat. No.: GC10195  
Batch No.: 1  
Chemical Name: (8S,9R,10R,13R,14S,Z)-17-ethylidene-10,13-dimethyl-7,8,9,10,11,12,13,14,15,17-decahydro-1H-cyclopenta[a]phenanthrene-3,16(2H,6H)-dione

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 39025-23-5  
Molecular Formula:  $C_{21}H_{28}O_2$   
Molecular Weight: 312.45  
Storage: Store at RT

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98.00%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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