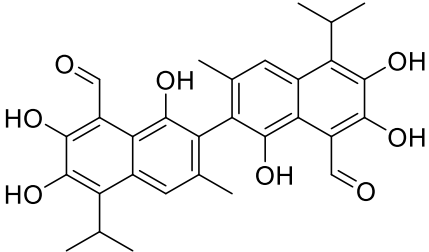




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201430	Gossypol	A8T08K05

Chemical name	
1,1',6,6',7,7'-hexahydroxy-5,5'-diisopropyl-3,3'-dimethyl-[2,2'-binaphthalene]-8,8'-dicarbaldehyde	
Synonyms	
Cottonseed Meal Toxin; Gossypol	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 201430 Name: Gossypol CAS#: 303-45-7 (free) Lot#: A8T08K05 Chemical Formula: C ₃₀ H ₃₀ O ₈ Exact Mass: 518.19407 Molecular Weight: 518.55

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE