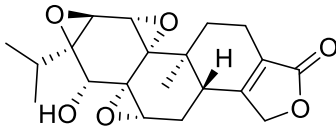


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
406463	Triptolide	BBC50618

Chemical name	
(6aS,7aS,8R,8aR,9aS,9bS,10aS,10bS)-8-hydroxy-8a-isopropyl-10b-methyl-1,5,5b,6,6a,8,8a,9a,9b,10b-decahydrotris(oxireno)[2',3':4b,5;2'',3'':6,7;2''',3''':8a,9]phenanthro[1,2-c]furan-3(2H)-one.	
Synonyms	
PG490; PG-490; PG 490; NSC163062; NSC-163062; NSC 163062; Tripterygium wilfordii; Triptolide.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406463 Name: Triptolide CAS#: 38748-32-2 Lot#: BBC50618 Chemical Formula: C ₂₀ H ₂₄ O ₆ Exact Mass: 360.15729 Molecular Weight: 360.40

Analysis item	Specifications / Results
Appearance	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 (25 mg/ml), and slightly soluble in ethanol (1 mg/ml).
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
Self life	At least 5 years if properly stored.

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