

CERTIFICATE OF ANALYSIS

PRODUCT:	Triptolide [PG490; TPL] C ₂₀ H ₂₄ O ₆ , M.W. 360.4, CAS# [38748-32-2]
PRODUCT NUMBER:	T-1030
LOT NUMBER:	D1022
APPEARANCE:	Off-white powder
SOLUBILITY:	Soluble in DMSO (20 mg/ml)
PURITY (HPLC):	≥ 97%
HEAVY METALS (ICP):	≤ 0.001 ppm
PRODUCT DISCRIPTION:	Isolated from <i>Tripterygium wilfordii</i> . Triptolide, a diterpenoid triepoxyde, a purified component of a traditional Chinese medicine, inhibits transcriptional activation of NF- κB and downregulates the expression of various NF- κB-regulated genes. Displays Immunosuppressive, anti-inflammatory, anti-angiogenic and antitumor activity. A combination of TRAIL and triptolide enhance apoptosis in cholangiocarcinoma cell lines.
STORAGE & HANDLING:	Store desiccated at -20°C. Store solutions at -20°C for up to 3 months. PROTECT FROM AIR, LIGHT and MOISTURE! <u>WARNING:</u> VERY TOXIC!

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified:

