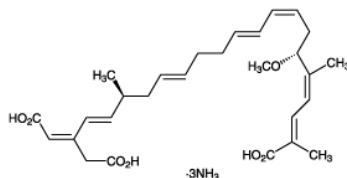


## CERTIFICATE OF ANALYSIS

**PRODUCT:** **Bongkreic Acid, MPTP inhibitor**  
3-Carboxymethyl-17-methoxy-6,18,21-  
trimethyldocosa-2,4,8,12,18,20-heptaenedioic acid,  
triammonium salt  
 $C_{28}H_{38}O_7 \cdot 3NH_3$ , M.W. 537.7, CAS# [11076-19-0]



**PRODUCT NUMBER:** B-1053  
**LOT NUMBER:** H1034A  
**APPEARANCE:** Lyophilized solid  
**ANALYSIS (TLC):** 98%  
**ANALYSIS (NMR):** Conforms  
**SOLUBILIZATION:** May be dissolved in DMSO (100 mg/ml); or in water (1mg/ml)

**OTHER DATA:** Bongkreic acid is an inhibitory ligand of the mitochondrial adenine nucleotide translocase. It inhibits mitochondrial permeability transition pore opening. At 50  $\mu$ M it inhibits dexamethasone- apoptosis in thymocytes, preventing the PARP cleavage and DEVDase (caspase-3 like) activity normally produced by these treatments.

**STORAGE & HANDLING:** Store at -20°C.

**CAUTION:** For laboratory research & scientific manufacturing 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: SK