

Bongkreikic acid, Mitochondrial permeability pore inhibitor

Catalog	Unit
TBI2751-100UG	100 ug
TBI2751-500UG	500 ug

Product Details

Formal Name: 3-Carboxymethyl-17-methoxy-6,18,21-trimethyldocosa-2,4,8,12,18,20-heptaenedioic acid

Molecular Formula: C₂₈H₃₈O₇ (free acid)

Formula Weight: 486.60

CAS Number: 11076-19-0

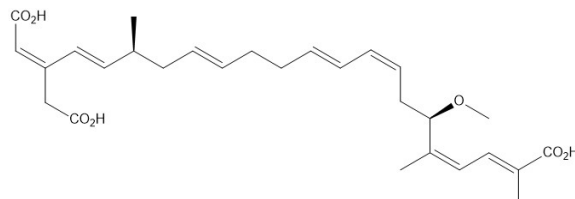
Purity: >98%

Formulation: Solution of 1mg/ml in Tris buffer

Solubility: Miscible with DMSO

Storage: -20°C

Stability: ≥ 1 year.



Applications

Mitochondrial permeability pore inhibitor

Functions

A potent inhibitory ligand of the mitochondrial adenine nucleotide translocase (ANT). Inhibits mitochondrial permeability transition pore opening. Delivery of bongkreikic acid to the mitochondria prevents apoptosis in HeLa cells.

Application Procedures

First dissolved in DMSO, then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.