BONGKREKIC ACID
From: Pseudomonas cocovenenas

Product Number B 6179
Storage Temperature −20 °C. Protect from light.

Structure

Bongkrekic acid is an inhibitor of adenine nucleotide translocase, which is a component of the Mitochondrial Permeability Transition (MPT) pore complex. Therefore, bongkrekic acid prevents mitochondrial depolarization, swelling, rupture of mitochondria outer membrane, and release of apoptotic proteins such as Cytochrome c. This phenomena was observed during staurosporine induced apoptosis in Jurkat cells, in HepG2 undergoing apoptosis following TNF-α and ethanol.

Reagents
Supplied as a solution at 1 mg/ml in 0.01 M Tris buffer, pH 7.5.
Purity: ≥ 95% by HPLC

Storage/Stability
Store frozen at −20 °C. Protect from light.

References