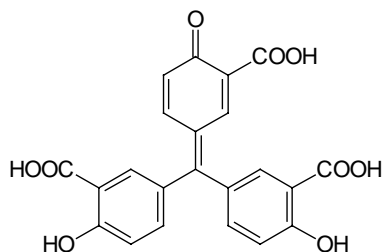

Aurintricarboxylic Acid**Size**

Cat. No. 189400

100 mg

Synonym: ATA

Description: A polyanionic, polyaromatic compound used as a powerful inhibitor of cellular processes that are dependent on the formation of protein-nucleic acid complexes. Shown to inhibit apoptotic cell death in various cell types induced by a variety of factors. ATA is also a potent inhibitor of DNA topoisomerase II. Inhibits von Willebrand factor binding to platelets and reduces glutamate-induced neuronal injury. Recently, ATA has been reported to stimulate the tyrosine phosphorylation of MAP kinases, Shc proteins, phosphatidylinositol 3-kinase, and phospholipase C- γ .

Form: Red solid**CAS Number:** 4431-00-9**RTECS:** GU4790000**Molecular Weight:** 422.4**Molecular Formula:** C₂₂H₁₄O₉**Structure:****Solubility:** 0.1 M NaOH (35 mg/ml)

Storage: Room temperature (+20°C). Following reconstitution, aliquot and freeze (-20°C) under an inert gas. This product is stable for 2 years as supplied. Stock solutions are stable for 1 month at -20°C.

Australia
Tel (02) 9318 0322**Germany**
Tel 0800 6931 000**Japan**
Tel (03) 5443 0281**United Kingdom**
Tel 0115 9430 840**USA, Canada, Mexico**
Tel (800) 628-8470

E-mail address for technical inquiries: technical@calbiochem.com
Find our current product data sheets on the web: <http://www.calbiochem.com>

Revised: 16-Oct-98

CN: 189400

Toxicity: MSDS available upon request.

References: Benchokroun, Y., et al. 1995. *Biochem. Pharmacol.* **49**, 305.
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