

Ga(III) protoporphyrin IX Biochemical

Ga(III) protoporphyrin IX

CATALOG #
AAA228215

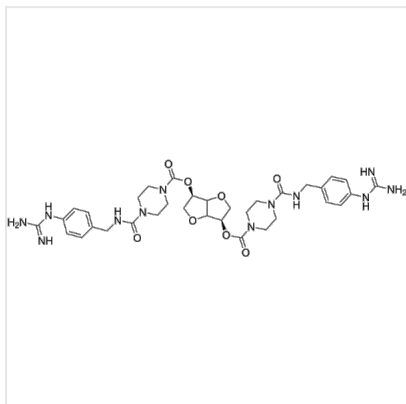
PRODUCT SYNONYMS

Ga(III) protoporphyrin IX; Ga(III) protoporphyrin IX biochemical

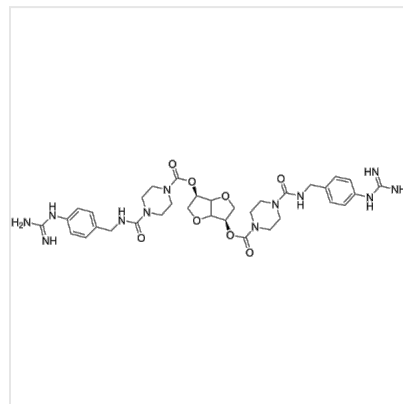
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	222556-71-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Ga(III)protoporphyrin-IX has also been shown to bind to heme containing proteins and enzymes when it is included in the cellular growth medium of the Grampositive bacteria Enterococcus faecalis which does not depend on heme for cell growth. Ga(III)protoporphyrin-IX has shown to be a suitable mimic of heme and has potential applications in heme replacement/substitution[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
CRA-2059, CAS 256649-36-2



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ADDITIONAL INFORMATION

Related Product Information for Ga(III) protoporphyrin IX biochemical	Ga(III)protoporphyrin-IX is a model for the key interporphyrin interactions in malaria pigment. Ga(III)protoporphyrin-IX acts as a potent antibacterial against gram-negative, gram-positive, and acid-fast bacteria. Ga(III)protoporphyrin-IX is readily soluble in methanol (MeOH). Ga(III)protoporphyrin IX are as malarial pigment analogues for drug development and as potential antibacterial agents.
References	1. Tremaine WJ, et al. Treatment of mildly to moderately active ulcerative colitis with a tryptase inhibitor (APC 2059): an open-label pilot study. Aliment Pharmacol Ther. 2002;16(3):407-413. 2. Selwood T, et al. Potent bivalent inhibition of human tryptase-beta by a synthetic inhibitor. Biol Chem. 2003;384(12):1605-1611.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/ga-iii-protoporphyrin-ix/228215>