

Aeruginosin 865 Biochemical

Aeruginosin 865

CATALOG #
AAA227819

PRODUCT SYNONYMS

Aeruginosin 865; Biotin-(AC5)2-hydrazide; Aeruginosin 865 biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1611990-01-2
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Aeruginosin 865 (pretreatment with 0.1-100 ug/mL) shows significant inhibition of IL-8 (EC 50 =3.5 ug/mL) and ICAM-1 (EC 50 =50.0 ug/mL) in hTNF-alpha-stimulated HLMVECs in a concentration-dependent manner. Aeruginosin 865 does not affect cell viability, even at much higher concentration in HeLa, HepG2 cells[1]. Aeruginosin 865 (100-200 uM) shows high-dose cytotoxicity in Mouse fibrosarcoma cells and with no cytotoxic effect in NIH/3T3 cells[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Biotin-XX hydrazide, CAS 211237-33-1



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ADDITIONAL INFORMATION

Related Product Information for Aeruginosin 865 biochemical	Aeruginosin 865, isolated from terrestrial cyanobacterium Nostoc sp. Luke ová 30/93, is the first aeruginosin-type peptide containing both a fatty acid and a carbohydrate moiety. Aeruginosin 865 inhibits translocation of NF-kB to the nucleus. Aeruginosin 865 has anti-inflammatory effect
References	1. Haugland RP, et, al. Coupling of antibodies with biotin. Methods Mol Biol. 2008;418:13-24.

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.