

Brilacidin tetrahydrochloride Biochemical

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CATALOG #
AAA227526

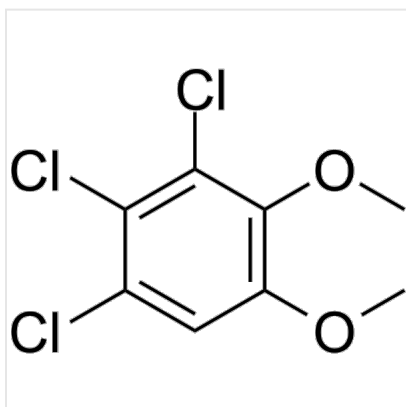
PRODUCT SYNONYMS

Brilacidin tetrahydrochloride; Brilacidin tetrahydrochloride biochemical

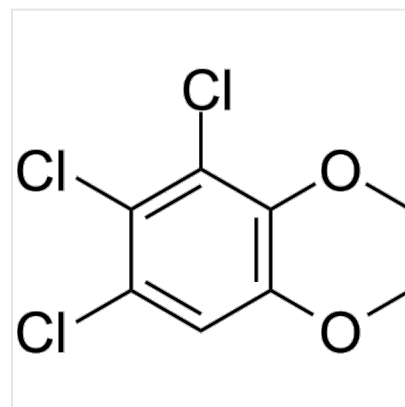
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1224095-99-1
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Brilacidin demonstrates dose-dependent ocular toxicity after 7 topical instillations (every 30min for 3h) in the NZW rabbit ocular toxicity model. Brilacidin 1% is determined to be Mildly Irritating (23.0), Brilacidin 0.5% (6.5), and Brilacidin 0.25% (4.0) are determined to be Minimally Irritating, while Brilacidin 0.1% (2.0) and TBS (1.0) are determined to be Practically Nonirritating and 0.01% Brilacidin (0.5) is determined to be Nonirritating based on their Maximum mean total scores (MMTS) values[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
3,4,5-Trichloroveratrole, CAS 16766-29-3



Structure
3,4,5-Trichloroveratrole, CAS 16766-29-3

ADDITIONAL INFORMATION

Related Product Information for Brilacidin tetrahydrochloride biochemical	Brilacidin tetrahydrochloride (PMX 30063 tetrahydrochloride) is an anti-infective antimicrobial with MIC90s of 1 and 8 ug/mL for Gram-positive bacteria Streptococcus pneumonia and Streptococcus viridans, and MIC90 of 8 and 4 ug/mL for Gram-negative bacteria Haemophilus influenza and Pseudomonas aeruginosa. Brilacidin tetrahydrochloride is a defensin mimetic antibiotic compound.
References	1. Kenneth Arinaitwe, et al. Legacy and currently used pesticides in the atmospheric environment of Lake Victoria, East Africa. Sci Total Environ. 2016 Feb 1;543(Pt A):9-18.

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/brilacidin-tetrahydrochloride/227526>