

Germicidin A Biochemical

Germicidin A

CATALOG #
AAA227383

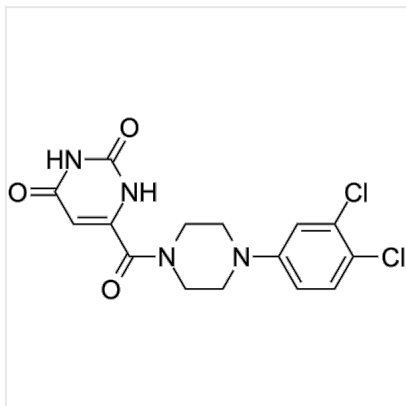
PRODUCT SYNONYMS

Germicidin A; Germicidin A biochemical

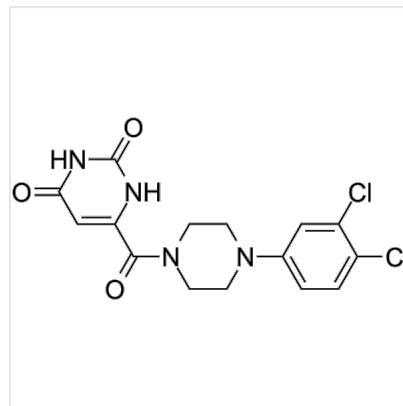
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	Methanol: Soluble
	DMF: Soluble
	Ethanol: Soluble
	DMSO: Soluble
	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
SARS-CoV-2-IN-9, CAS 1453052-57-7



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ADDITIONAL INFORMATION

Related Product Information for Germicidin A biochemical	Germicidin A is a pyranone originally derived from <i>S. viridochromogenes</i> that acts as a reversible, autoregulative inhibitor of spore germination and hyphal elongation in the genus <i>Streptomyces</i> at concentrations as low as 200 pM. During germination, spores of <i>Streptomyces</i> excrete germicidin A along with other germicidin homologs, which inhibit germination of its own arthrospores. At higher concentrations, germicidin A can inhibit the porcine Na ⁺ /K ⁺ -activated ATPase (ID50 = 100 uM) and prevent the germination of the cress <i>L. sativum</i> .
References	1. Kneller DW, et al. Structural, Electronic, and Electrostatic Determinants for Inhibitor Binding to Subsites S1 and S2 in SARS-CoV-2 Main Protease. <i>J Med Chem.</i> 2021 Dec 9;64(23):17366-17383.

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/germicidin-a/227383>