

gamma-Glu-Cys (ammonium salt) Biochemical

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CATALOG #
AAA227025

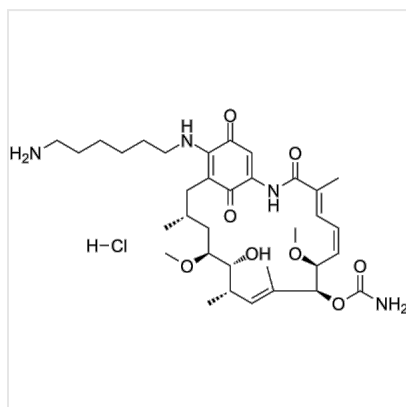
PRODUCT SYNONYMS

gamma-Glu-Cys (ammonium salt); AHGDM hydrochloride; gamma-Glu-Cys (ammonium salt) biochemical

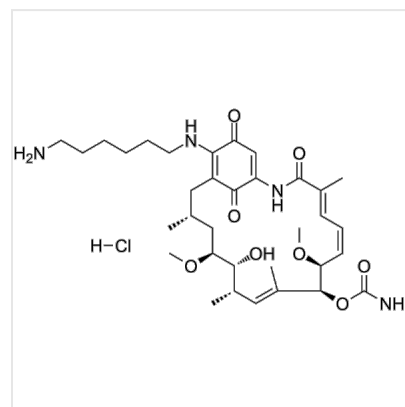
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	PBS (pH 7.2): 10 mg/mL <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
Aminohexylgeldanamycin hydrochloride, CAS 1146534-45-3



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ADDITIONAL INFORMATION

Related Product Information for gamma-Glu-Cys (ammonium salt) biochemical	gamma-Glu-Cys is an intermediate in glutathione (GSH) synthesis. It is formed by ATP-dependent condensation of cysteine and glutamate by gamma-glutamylcysteine synthetase. gamma-Glu-Cys is also an essential component of phytochelatins, the heavy metal detoxifying enzymes in plants. ²
References	- Greish K, et al. Anticancer and antiangiogenic activity of HPMA copolymer-aminohexylgeldanamycin-RGDfK conjugates for prostate cancer therapy. J Control Release. 2011;151(3):263-270. - Larson N, et al. HPMA copolymer-aminohexylgeldanamycin conjugates targeting cell surface expressed GRP78 in prostate cancer. Pharm Res. 2010;27(12):2683-2693.

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.