

PIM-IN-1 biochemical

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CATALOG #
AAA228592

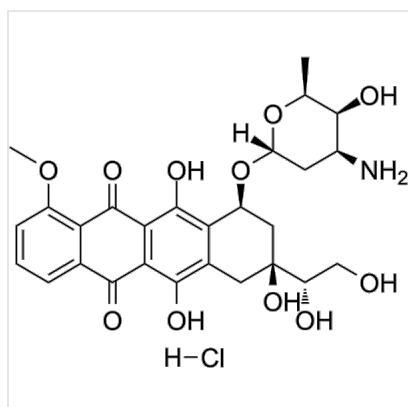
PRODUCT SYNONYMS

PIM-IN-1; 13-Dihydroadriamycin hydrochloride; PIM-IN-1 biochemical

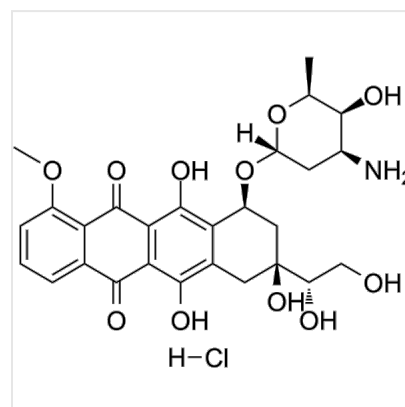
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2698319-19-4
Solubility	<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
Doxorubicinol hydrochloride, CAS 63950-05-0



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ADDITIONAL INFORMATION

Related Product Information for PIM-IN-1 biochemical	PIM-IN-1 is a pan-PIM kinase inhibitor (KG-1, EC 50 = 61 nM; pS6, EC 50 = 71 nM).
References	1. Kamil Piska, et al. Metabolic carbonyl reduction of anthracyclines - role in cardiotoxicity and cancer resistance. Reducing enzymes as putative targets for novel cardioprotective and chemosensitizing agents. Invest New Drugs. 2017 Jun;35(3):375-385. 2. J van Asperen, et al. Increased accumulation of doxorubicin and doxorubicinol in cardiac tissue of mice lacking mdr1a P-glycoprotein. Br J Cancer. 1999 Jan;79(1):108-13.

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.