Product: Berbamine dihydrochloride

ALTERNATIVE NAME: Berbenine
CATALOG #: 2520-100, 500
AMOUNT: 100 mg, 500 mg

STRUCTURE:

MOLECULAR FORMULA: C_{137}H_{142}Cl_2N_2O_6
MOLECULAR WEIGHT: 681.65
CAS No.: 6078-17-7
APPEARANCE: Crystalline solid
SOLUBILITY: DMSO or EtOH
PURITY: >98% by HPLC

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: Berbamine is a naturally occurring alkaloid that displays several biological properties. Berbamine potently suppresses liver cancer cell proliferation and induces cancer cell death by targeting Ca^{2+}/calmodulin-dependent protein kinase II (CAMKII). Also acts as a novel inhibitor of NF-kappaB activity with remarkable anti-myeloma efficacy.


HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used in humans.