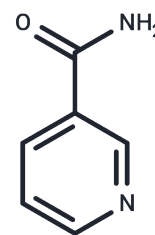


Nicotinamide Hydrochloride

Chemical Properties

CAS No. :	25334-23-0
Formula:	C ₆ H ₇ ClN ₂ O
Molecular Weight:	158.59
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

HCl



Biological Description

Description	Nicotinamide Hydrochloride is a form of vitamin B3 or niacin that inhibits sirtuin 2 (SIRT2) activity in vitro , with an EC 50 of 2 µM. Nicotinamide Hydrochloride inhibits up to 90% melanoma cell number and increases cellular NAD + , ATP, ROS levels. Nicotinamide Hydrochloride inhibits tumor growth in vivo and improves survival of melanoma-bearing mice, which can be used for the research of skin cancers such as melanoma .
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3056 mL	31.5278 mL	63.0557 mL
5 mM	1.2611 mL	6.3056 mL	12.6111 mL
10 mM	0.6306 mL	3.1528 mL	6.3056 mL
50 mM	0.1261 mL	0.6306 mL	1.2611 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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