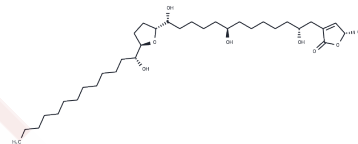


Annonacin

Chemical Properties

CAS No. : 111035-65-5
 Formula: C₃₅H₆₄O₇
 Molecular Weight: 596.88
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	Annonacin is an acetogenin that promotes cytotoxicity by inhibiting the mitochondrial complex and acts as the active agent in Graviola leaf extract, inhibiting sodium/potassium (NKA) and sarcoplasmic reticulum (SERCA) ATPase pumps[1].
Targets(IC50)	Apoptosis,ATPase,Others,Calcium Channel,Potassium Channel,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6754 mL	8.3769 mL	16.7538 mL
5 mM	0.3351 mL	1.6754 mL	3.3508 mL
10 mM	0.1675 mL	0.8377 mL	1.6754 mL
50 mM	0.0335 mL	0.1675 mL	0.3351 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Yiallouris A, et al. Annonacin promotes selective cancer cell death via NKA-dependent and SERCA-dependent pathways. Cell Death Dis. 2018 Jul 9;9(7):764.

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