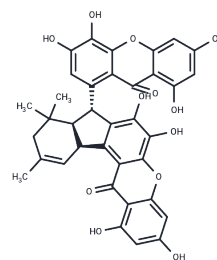


Griffipavixanthone

Chemical Properties

CAS No. :	219649-95-3
Formula:	C ₃₆ H ₂₈ O ₁₂
Molecular Weight:	652.6
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	Griffipavixanthone inhibits the growth of human Non-small-cell lung cancer H520 cells in dose- and time-dependent manners, it induces cell apoptosis through mitochondrial apoptotic pathway accompanying with ROS production. It can inhibit tumor metastasis and proliferation via downregulation of the RAF pathway in esophageal cancer.
Targets(IC50)	Apoptosis,ERK,Raf,MEK,Caspase,ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5323 mL	7.6617 mL	15.3233 mL
5 mM	0.3065 mL	1.5323 mL	3.0647 mL
10 mM	0.1532 mL	0.7662 mL	1.5323 mL
50 mM	0.0306 mL	0.1532 mL	0.3065 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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