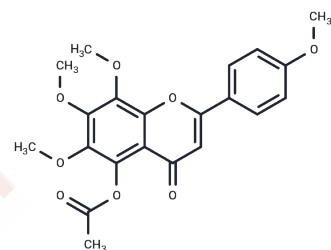


5-AcTMF

Chemical Properties

CAS No. :	1620970-95-7
Formula:	C ₂₁ H ₂₀ O ₈
Molecular Weight:	400.38
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	5-AcTMF is an inducer of G2/M arrest, apoptosis and autophagy in cancer cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4976 mL	12.4881 mL	24.9763 mL
5 mM	0.4995 mL	2.4976 mL	4.9953 mL
10 mM	0.2498 mL	1.2488 mL	2.4976 mL
50 mM	0.050 mL	0.2498 mL	0.4995 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

Li YR, Li S, Ho CT, Chang YH, Tan KT, Chung TW, Wang BY, Chen YK, Lin CC. Tangeretin derivative, 5-acetyloxy-6,7,8,4'-tetramethoxyflavone induces G2/M arrest, apoptosis and autophagy in human non-small cell lung cancer cells in vitro and in vivo. *Cancer Biol Ther.* 2016;17(1):48-64. doi: 10.1080/15384047.2015.1108491. PubMed PMID: 26569090; PubMed Central PMCID: PMC4847812.

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