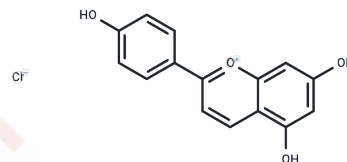


Apigeninidin chloride

Chemical Properties

CAS No. :	1151-98-0
Formula:	C ₁₅ H ₁₁ ClO ₄
Molecular Weight:	290.7
Storage:	Keep away from moisture, Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Apigeninidin chloride is a natural product and antifungal agent capable of inducing apoptosis in leukaemia HL-60 cells by mediating mitochondrial damage through activation of Bak and Bax.
Targets(IC50)	Apoptosis, Bcl-2 Family, Mitochondrial Metabolism, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.440 mL	17.1999 mL	34.3997 mL
5 mM	0.688 mL	3.440 mL	6.8799 mL
10 mM	0.344 mL	1.720 mL	3.440 mL
50 mM	0.0688 mL	0.344 mL	0.688 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

M Kouda-Bonafos, et al. Isolation of apigeninidin from leaf sheaths of Sorghum caudatum. J Chem Ecol. 1994 Aug; 20(8):2123-5.

Folachodé Ug Akogou, et al. Application of apigeninidin-rich red sorghum biocolorant in a fermented food improves product quality. J Sci Food Agric. 2019 Mar 15;99(4):2014-2020.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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