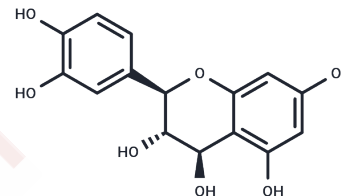


(+)-Leucocyanidin

Chemical Properties

CAS No. :	69256-15-1
Formula:	C ₁₅ H ₁₄ O ₇
Molecular Weight:	306.27
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	(+)-Leucocyanidin, an isoform of leucocyanidin and potent anti-ulcerogenic agent, has been extracted from Litchi chinensis. This compound exhibits considerable protective properties in rat models against aspirin-induced gastric erosions [1].
Targets(IC50)	Others
In vivo	Leucocyanidin, at a dosage of 5 mg/day, provides effective protection against aspirin-induced gastric mucosal erosion in male Wistar rats with an average weight of 250 g (ranging from 220 to 330 g) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2651 mL	16.3255 mL	32.6509 mL
5 mM	0.653 mL	3.2651 mL	6.5302 mL
10 mM	0.3265 mL	1.6325 mL	3.2651 mL
50 mM	0.0653 mL	0.3265 mL	0.653 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.

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