

Kaempferol-7-O-D-glucopyranoside

Chemical Properties

CAS No.:	16290-07-6
Formula:	C ₂₁ H ₂₀ O ₁₁
Molecular Weight:	448.38
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Kaempferol 7-O-beta-d-glucopyranoside, a novel supercoolant could be used to sub-zero non-freezing rat heart preservation.
Targets(IC ₅₀)	NO: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.230 mL	11.151 mL	22.303 mL
5 mM	0.446 mL	2.230 mL	4.461 mL
10 mM	0.223 mL	1.115 mL	2.230 mL
50 mM	0.045 mL	0.223 mL	0.446 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

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