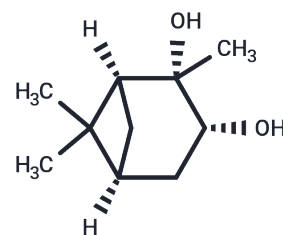


(+)-Pinanediol

Chemical Properties

CAS No. :	18680-27-8
Formula:	C ₁₀ H ₁₈ O ₂
Molecular Weight:	170.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(+)-Pinanediol is an effective inducer of melanogenesis. In S91 cells, it acts by inducing higher levels of pigmentation and synthesis of nitric oxide (NO).
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8737 mL	29.3686 mL	58.7372 mL
5 mM	1.1747 mL	5.8737 mL	11.7474 mL
10 mM	0.5874 mL	2.9369 mL	5.8737 mL
50 mM	0.1175 mL	0.5874 mL	1.1747 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.

Reference

Duporté G, Flaud PM, Geneste E, Augagneur S, Pangui E, Lamkaddam H, Gratien A, Doussin JF, Budzinski H, Villenave E, Perraudin E. Experimental Study of the Formation of Organosulfates from α -Pinene Oxidation. Part I:

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