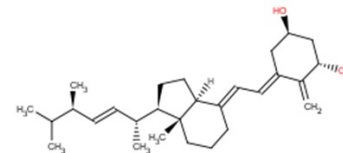


trans-Doxercalciferol

Chemical Properties

CAS No.:	74007-20-8
Formula:	C ₂₈ H ₄₄ O ₂
Molecular Weight:	412.65
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	trans-Doxercalciferol is an isomer of Doxercalciferol. Doxercalciferol is an activator of the Vitamin D receptor and prevents renal disease.
Targets(IC ₅₀)	Others: 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	2.423 mL	12.117 mL	24.234 mL
5 mM	0.485 mL	2.423 mL	4.847 mL
10 mM	0.242 mL	1.212 mL	2.423 mL
50 mM	0.048 mL	0.242 mL	0.485 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.

Reference

1. Wang XX, et al. Vitamin D receptor agonist doxercalciferol modulates dietary fat-induced renal disease and renal lipid metabolism. Am J Physiol Renal Physiol. 2011 Mar;300(3):F801-10.

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