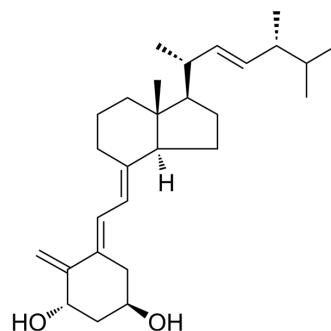


## trans-Doxercalciferol

Cat. No.:	HY-75992		
CAS No.:	74007-20-8		
Molecular Formula:	C <sub>28</sub> H <sub>44</sub> O <sub>2</sub>		
Molecular Weight:	412.65		
Target:	VD/VDR		
Pathway:	Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (121.17 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4234 mL	12.1168 mL	24.2336 mL
	5 mM	0.4847 mL	2.4234 mL	4.8467 mL
	10 mM	0.2423 mL	1.2117 mL	2.4234 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

trans-Doxercalciferol is an isomer of Doxercalciferol. Doxercalciferol is a Vitamin D2 analog, acts as an activator of Vitamin D receptor, and prevent renal disease<sup>[1]</sup>.

### REFERENCES

[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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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