

# Certificate of Analysis

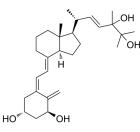
## 1alpha, 24, 25-Trihydroxy VD2

Cat. No.:	HY-15156	
CAS No.:	457048-34-9	
Batch No.:	103485	
Chemical Name:	1,3-Cyclohexanediol, 5-[(2E)-2-[(1R,3aS,7aR)-1-[(1R,2E)-4,5-dihydroxy-1,4,5-trimethyl-2-hexen-1	
	-yl]octahydro-7a-methyl-4H-inden-4-ylidene]ethylidene]-4-methylene-, (1R,3S,5Z)-	

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>28</sub> H <sub>44</sub> O <sub>4</sub>	
Molecular Weight:	444.65	
Storage:	-20°C, protect from light, stored under nitrogen	
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)	

#### **Chemical Structure:**



### ANALYTICAL DATA

Appearance:	White to yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	98.21%
Conclusion:	The product has been tested and complies with the given specifications.

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

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