



## (24S) -24,25-Dihydroxyvitamin D3

Catalog No: tcsc0931

Available Sizes	
Size: 1mg	
Size: 5mg	
Specifications	
<b>CAS No:</b> 55700-58-8	
<b>Formula:</b> $C_{27}^{H}_{44}^{O}_{3}$	
Pathway: Vitamin D Related	
Target: VD/VDR	
Purity / Grade: >98%	
Solubility: 10 mM in DMSO	
Alternative Names: (24S)-24,25-Dihydroxycholecalciferol	
Observed Molecular Weight: 416.64	
Product Description	

(24S)-24,25-Dihydroxycholecalciferol is an inactive form of vitamin D3 which undergoes various levels of hydroxylation to form active vitamin D3 analogs.





IC50 value:

Target: Vitamin D3 analog

 $1\alpha$ -Hydroxyvitamin D3 (alfacalcidol) is a synthetic analog that is metabolized to 1,25-dihydroxycholecalciferol, the biologically active form of vitamin D3. Other analogues of cholecalciferol result from different hydroxylations. 24S,25-Dihydroxyvitamin D3 should not be confused with 24R,25-Dihydroxyvitamin D3.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!