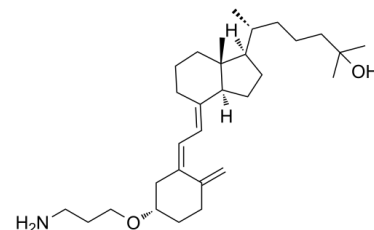


Data Sheet

Product Name:	3-O-(2-Aminoethyl)-25-hydroxyvitamin D3
Cat. No.:	CS-1161
CAS No.:	163018-26-6
Molecular Formula:	C30H51NO2
Molecular Weight:	457.73
Target:	VD/VDR
Pathway:	Vitamin D Related
Solubility:	DMSO : ≥ 100 mg/mL (218.47 mM)



BIOLOGICAL ACTIVITY:

3-O-(2-Aminoethyl)-25-hydroxyvitamin D3 is a Vitamin D3 derivative. IC50 & Target: Vitamin D/Vitamin D receptor^[1] **In Vitro:** 3-O-(2-Aminoethyl)-25-hydroxyvitamin D3 is a 25-hydroxyvitamin D3 derivative^[1].

References:

[1]. Roy A, et al. Aminopropylation of vitamin D hormone (1 α ,25-dihydroxyvitamin D3), its biological precursors, and other steroidal alcohols: an anchoring moiety for affinity studies of sterols. Steroids (1995), 60(8), 530-3.

CAIndexNames:

1H-Indene-1-pentanol, 4-[(2Z)-2-[(5S)-5-(3-aminopropoxy)-2-methylenecyclohexylidene]ethylidene]octahydro- $\alpha,\alpha,\epsilon,7a$ -tetramethyl-, (8R,1R,3aS,4E,7aR)-

SMILES:

C=C1CC[C@H](OCCCN)C/C1=C/C=C2[C@@](CC[C@]3([H])[C@@H](CCCC(C)(C)O)C([H])[C@]3(C)CCC/2

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

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