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产品名称: 骨化三醇-D6
产品别名: **Calcitriol D6**

生物活性:	
Description	Calcitriol D6 is the deuterated form of Calcitriol(1,25-Dihydroxyvitamin D3; Rocaltrol), which is the hormonally active form of vitamin D, Calcitriol is the active metabolite of vitamin D3 that activates the vitamin D receptor (VDR). IC50 value: Target: vitamin D receptor Calcitriol(1,25-Dihydroxyvitamin D3; Rocaltrol) displays calcemic actions. Calcitriol stimulates intestinal and renal Ca2+ absorption and regulates bone Ca2+ turnover. Calcitriol (1,25-Dihydroxyvitamin D3; Rocaltrol)exhibits antitumor activity; Calcitriol(1,25-Dihydroxyvitamin D3; Rocaltrol) inhibits in vivo and in vitro cell proliferation in a wide range of cells including breast, prostate, colon, skin and brain carcinomas and myeloid leukemia cells.
References	[1]. Canalejo et al (2000) The in vitro effect of calcitriol on parathyroid cell proliferation and apoptosis. J.Am.Soc.Nephrol. 11 1865. Beer and Myrthue (2004) [2]. Calcitriol in cancer treatment: from the lab to the clinic. Mol.Cancer Ther. 3 373. [3]. Nijenhuis et al (2006) The novel vitamin D analog ZK191784 as an intestine-specific vitamin D antagonist. FASEB J. 20 1589. [4]. Krishnan AV, Swami S, Feldman D.Equivalent anticancer activities of dietary vitamin D and calcitriol in an animal model of breast cancer: Importance of mammary CYP27B1 for treatment and prevention.J Steroid Biochem Mol Biol. 2012 Aug 23. [5]. Alkharfy KM, Al-Daghri NM, Yakout SM, Ahmed M.Calcitriol Attenuates Weight-Related Systemic Inflammation and Ultrastructural Changes of the Liver in a Rodent Model.Basic Clin Pharmacol Toxicol. 2012 Aug 21.

源叶生物