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产品名称: **pre-Calcitriol PTAD Adduct (Mixture of Diastereomers)**

产品别名: **PRE-骨化三醇 PTAD 加合物; Impurity C of Calcitriol**

生物活性:	
Description	Impurity C of Calcitriol, Calcitriol(1,25-Dihydroxyvitamin D ₃ ; Rocaltrol) is the hormonally active form of vitamin D, Calcitriol is the active metabolite of vitamin D ₃ that activates the vitamin D receptor (VDR). IC ₅₀ value: Target: vitamin D receptor Calcitriol(1,25-Dihydroxyvitamin D ₃ ; Rocaltrol) displays calcemic actions. Calcitriol stimulates intestinal and renal Ca ²⁺ absorption and regulates bone Ca ²⁺ turnover. Calcitriol (1,25-Dihydroxyvitamin D ₃ ; Rocaltrol)exhibits antitumor activity; Calcitriol(1,25-Dihydroxyvitamin D ₃ ; 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]. 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. [4]. 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