

Paricalcitol

Catalog No: tcsc0705



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

131918-61-1

Formula:

$C_{27}H_{44}O_3$

Pathway:

Vitamin D Related

Target:

VD/VDR

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

416.64

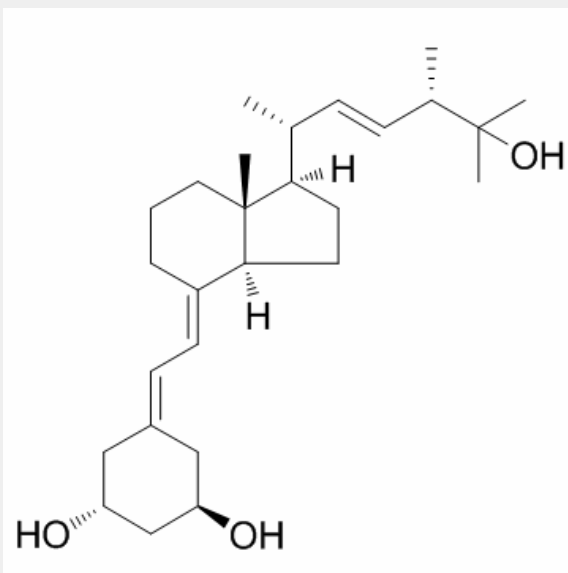
Product Description

Paricalcitol is a **vitamin D receptor** agonist, used for the prevention and treatment of secondary hyperparathyroidism (excessive secretion of parathyroid hormone) associated with chronic renal failure.

In Vitro:

Paricalcitol (3×10^{-8} M; HP + PC) produces a significant reduction in calcification relative to the observed in cells in HP medium. Paricalcitol causes a reduction in the levels of nuclear β -catenin to a level similar to that observed in control cells^[1].

In Vivo: Paricalcitol (300 ng/kg/day) significantly decreases Tau, and prevents LV dysfunction in mice. Paricalcitol reduces mRNA expression of ANP, fibronectin and collagen III in the TAC-pari mice^[2].



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