

# Paricalcitol-D6

## Catalog No: tcsc0810



### Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg



### Specifications

**Formula:**

$C_{27}H_{38}D_6O_3$

**Pathway:**

Vitamin D Related

**Target:**

VD/VDR

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

422.67

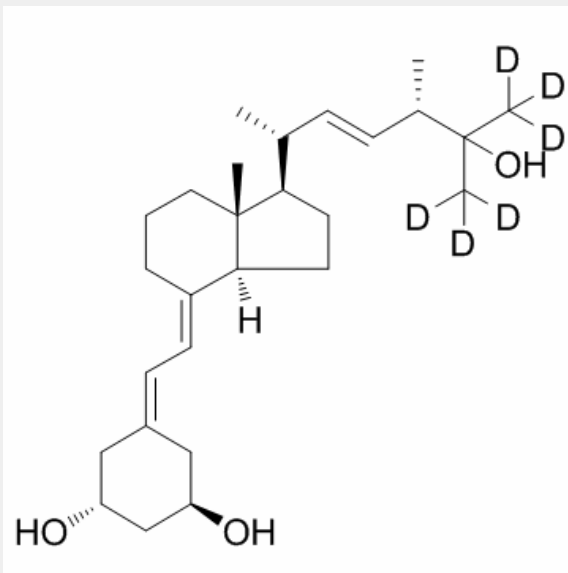
## Product Description

Paricalcitol-D6 is the deuterated form of Paricalcitol(Zemplar), which is a drug used for the prevention and treatment of secondary hyperparathyroidism (excessive secretion of parathyroid hormone) associated with chronic renal failure.

IC50 value:

Target: Vd analog

Chemically, it is 19-nor-1,25-(OH)<sub>2</sub>-vitamin D<sub>2</sub> or 19-nor-1,25-dihydroxyvitamin D<sub>2</sub>, being an analog of 1,25-dihydroxyergocalciferol, the active form of vitamin D<sub>2</sub>.



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