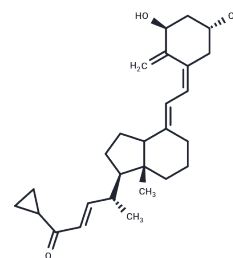


MC 1046

## Chemical Properties

CAS No. :	126860-83-1
Formula:	C <sub>27</sub> H <sub>38</sub> O <sub>3</sub>
Molecular Weight:	410.59
Storage:	Powder: -20°C for 3 years Actual storage temperature shall be subject to the COA.



## Biological Description

Description	MC 1046 is an impurity of Calcipotriol. Calcipotriol is a ligand of VDR-like receptors.
Targets(IC50)	Others, Vitamin

## Solubility Information

Solubility	DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4355 mL	12.1776 mL	24.3552 mL
5 mM	0.4871 mL	2.4355 mL	4.871 mL
10 mM	0.2436 mL	1.2178 mL	2.4355 mL
50 mM	0.0487 mL	0.2436 mL	0.4871 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Wietrzyk et al (2007) Antitumor properties of diastereomeric and geometric analogs of vitamin D<sub>3</sub>. Anticancer Drugs 18 447.111

Knutson et al (1997) Pharmacokinetics and systemic effect on calcium homeostasis of 1 $\alpha$ ,24-dihydroxyvitamin D<sub>2</sub> in rats. Biochem.Pharmacol. 53 829.

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