

Becocalcidiol

Chemical Properties

CAS No. :	524067-21-8
Formula:	C ₂₃ H ₂₀ O ₂
Molecular Weight:	310.26
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Becocalcidiol(QRX-101, DP-006, COL-121) is a potential vitamin D analog for the treatment of psoriasis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2231 mL	16.1155 mL	32.231 mL
5 mM	0.6446 mL	3.2231 mL	6.4462 mL
10 mM	0.3223 mL	1.6116 mL	3.2231 mL
50 mM	0.0645 mL	0.3223 mL	0.6446 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

- Helfrich YR, Kang S, Hamilton TA, Voorhees JJ. Topical becocalcidiol for the treatment of psoriasis vulgaris: a randomized, placebo-controlled, double-blind, multicentre study. *Br J Dermatol.* 2007 Aug;157(2):369-74. PubMed PMID: 17596167.
- Mason AR, Mason J, Cork M, Dooley G, Hancock H. Topical treatments for chronic plaque psoriasis. *Cochrane Database Syst Rev.* 2013 Mar 28;(3):CD005028. doi: 10.1002/14651858.CD005028.pub3. Review. PubMed PMID: 23543539.
- Bayés M, Rabasseda X. Gateways to clinical trials. *Methods Find Exp Clin Pharmacol.* 2008 Jan-Feb;30(1):67-99. PubMed PMID: 18389098.

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