

Product Data Sheet

Product Name: trans-Doxercalciferol

Cat. No.: GC39028

Chemical Properties

Cas. No. 74007-20-8

SMILES C=C([C@H](C[C@H](O)C1)O)C1=C\C=C=C2[C@@]3([H])[C@@](CCC\2)(C)[C@@H]([C@H](C)/C=C/[C@H](C)C(C)C)CC3

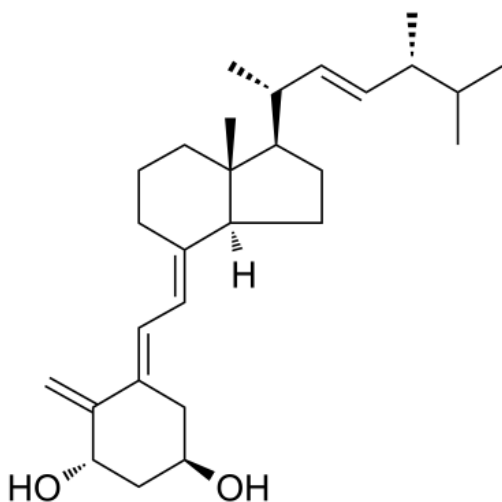
Formula $C_{28}H_{44}O_2$ M.Wt 412.65

Solubility DMSO : 50 mg/mL (121.17 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

trans-Doxercalciferol is an isomer of Doxercalciferol. Doxercalciferol is a Vitamin D2 analog, acts as an activator of Vitamin D receptor, and prevent renal disease[1].

[1]. Wang XX, et al. Vitamin D receptor agonist doxercalciferol modulates dietary fat-induced renal disease and renal lipid metabolism. Am J Physiol Renal Physiol. 2011 Mar;300(3):F801-10.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA