

Product Data Sheet

Product Name: Bisnoralcohol

Cat. No.: GC81613

Chemical Properties

Cas. No. 40736-33-2

Formula C₂₂H₃₄O₂

M.Wt 330.5

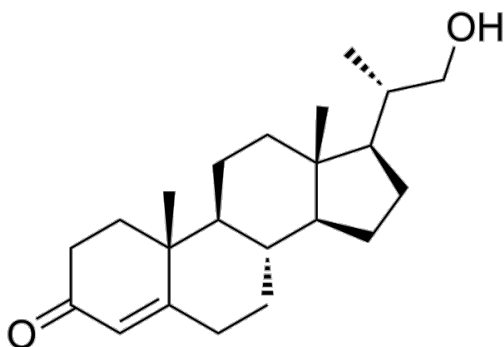
Solubility DMSO: 20 mg/mL (60.51 mM);
ultrasonic and warming and heat to
60°C)

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

Bisnoralcohol is a RANKL inhibitor with an IC₅₀ of 2.325 μM. Bisnoralcohol can inhibit RANKL-induced osteoclastogenesis and exhibits antiosteoporosis activity [1].

References:

[1]. Zhang DJ, et al. Synthesis of Heterocyclic Ring-Fused Bisnoralcohol Derivatives as Novel Small-Molecule Antiosteoporosis Agents. J Med Chem. 2024 May 23;67(10):8271-8295.

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

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