

Product Data Sheet

Product Name: ER 50891 quarterhydrate

Cat. No.: GC72808

Chemical Properties

Cas. No.

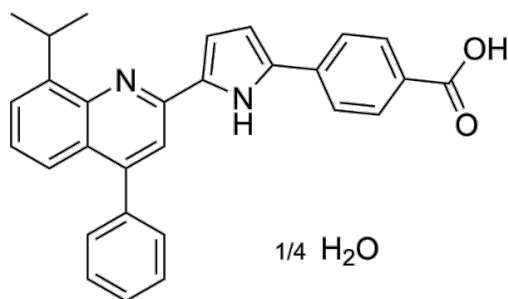
Formula $C_{29}H_{24}N_2O_2 \cdot 1/4 H_2O$ M.Wt 437.02

Solubility DMSO : 25 mg/mL (57.21 mM; ultrasonic and warming and heat to 60°C) Storage -20°C, sealed storage, away from moisture

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

ER 50891 quarterhydrate is a potent antagonist of retinoic acid receptor α (RAR α). ER 50891 quarterhydrate significantly attenuates ATRA's inhibitive effects on BMP 2-induced osteoblastogenesis.

References:

[1]. Batran RZ, et al. New quinolone derivatives as neuropeptide S receptor antagonists: Design, synthesis, homology modeling, dynamic simulations and modulation of Gq/Gs signaling pathways.

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

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