

ER 50891 quarterhydrate

Chemical Properties

CAS No. :

Formula: C₂₉H₂₄N₂O₂.1/4H₂O

Molecular Weight: 437.02

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	ER 50891 quarterhydrate is a potent RAR α (retinoic acid receptor α) antagonist that significantly reduces the inhibitory effects of ATRA (all-trans retinoic acid) on BMP 2 (bone morphogenetic protein 2)-induced osteoblastogenesis [1].
Targets(IC50)	Others,Retinoid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2882 mL	11.4411 mL	22.8822 mL
5 mM	0.4576 mL	2.2882 mL	4.5764 mL
10 mM	0.2288 mL	1.1441 mL	2.2882 mL
50 mM	0.0458 mL	0.2288 mL	0.4576 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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