

Paclitaxel (Taxol)

Cat. No. CEI-0276

Lot. No. (See product label)

Introduction

Description Paclitaxel can inhibit proliferation of human endothelial cells with IC50 from 1 pM to 100 pM.

Product Information

CAS No. 33069-62-4

Molecular Formula C₄₇H₅₁NO₁₄

Chemical Name Benzenepropanoic acid, beta-(benzoylamino)-alpha-hydroxy-, (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-6,12b-bis(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]ben

Molecular Weight 853.91

Purity >99%

Targets microtubule polymer

Solubility DMSO 171 mg/mL Water

Storage and Shipping Information

Storage 2 years at -20centigrade Powder