

## 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** C<sub>47</sub>H<sub>51</sub>NO<sub>14</sub>

**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