Creative Enzymes®

# Docetaxel (Taxotere)

*Cat. No. CEI-0274*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Docetaxel (Taxotere) can inhibit microtubule disassembly with IC50 of a range of 0.31-100 nM. |

## Product Information

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| ***CAS No.*** | 114977-28-5 |
| ***Molecular Formula*** | C43H53NO14 |
| ***Chemical Name*** | Benzenepropanoic acid, beta-[[(1,1-dimethylethoxy)carbonyl]amino]-alpha-hydroxy-, (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-12b-(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano |
| ***Molecular Weight*** | 807.88 |
| ***Purity*** | >99% |
| ***Targets*** | microtubule disassembly |
| ***Solubility*** | DMSO 162 mg/mL Water |

## Storage and Shipping Information

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| ***Storage*** | 2 years at -20centigrade Powder |