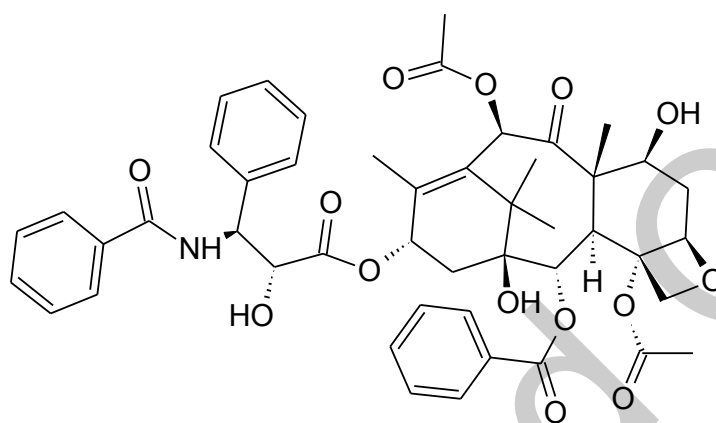


## Certificate of Analysis

**Structure:**



Name	Paclitaxel
Synonym(s)	Taxol
Epichem Item #	EPL-NP1 Batch 1
CAS #	33069-62-4
Molecular Formula	C <sub>47</sub> H <sub>51</sub> NO <sub>14</sub>
Molecular Weight	853.91 g/mol
Purity	98.6% (weight/weight) 99.8% at 220nm by HPLC (assuming all components detected with the same response factor). No significant impurities detected by <sup>1</sup> H NMR analysis. 1.16% water by Karl-Fischer method. 0.05% ash.
Combustion Analysis	Required (%): C:66.1; H:6.0; N:1.6. Found (%): C:66.0; H:6.1; N:1.6.
Appearance	White powder
Melting Point	202.4-205.9°C
Date of Manufacture	1 December 2015
Storage Requirements	Protect from heat, light and moisture.
Special Precautions	<b>This compound is for laboratory use only. Its toxicological properties may not have been fully established. It should be handled only by suitably qualified personnel.</b>