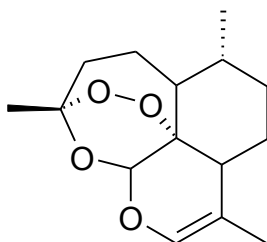


## Certificate of Analysis

**Structure:**



Name	9,10-anhydroartemisinin
Synonym(s)	artesunate 'glycan' impurity
Epichem Item #	EPL-AA105 Batch 1
CAS #	82596-30-3
Molecular Formula	C <sub>15</sub> H <sub>22</sub> O <sub>4</sub>
Molecular Weight	266.34 g/mol
Purity	99.3% (weight/weight) 99.4% at 214nm by HPLC (assuming all components detected with the same response factor). No significant impurities detected by <sup>1</sup> H NMR analysis. 0.09% water by Karl Fischer analysis. 0.02% ash.
Combustion Analysis	Required (%): C:67.6; H:8.3. Found (%): C:67.9; H:8.6.
Appearance	white powder
Melting Point	95-97°C
Date of Manufacture	22 December 2011
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>

Robert Gauci  
General Manager  
25 January 2012