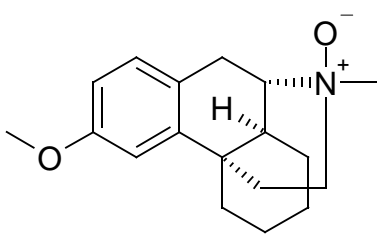


Certificate of Analysis

Structure: 	
Name	dextromethorphan- <i>N</i> -oxide
Synonym(s)	(9 α ,13 α ,14 α)-3-methoxy-17-methyl-17-oxidemorphinan; (9 α ,13 α ,14 α)-3-methoxy- <i>N</i> -methyl- <i>N</i> -oxidemorphinan
Epichem Item #	EPL-AA7 Batch 9
CAS #	210690-24-7
Molecular Formula	C ₁₈ H ₂₅ NO ₂
Molecular Weight	287.41 g/mol
Purity	99.9% (weight/weight) 100% by HPLC analysis at 222nm (assuming all components detected with the same response factor). By ¹ H NMR analysis contains chloroform (0.1% (w/w)) and trace residual solvents (diethyl ether and dichloromethane).
Date of Manufacture	2 July 2008
Handling Precautions	This compound absorbs water from the air. Suitable precautions should be taken and/or appropriate techniques used to ensure accurate weighing when dispensing this product.
Appearance	White powder
Storage Requirements	Protect from heat, light and moisture.
Special Precautions	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.

Robert Gauci
General Manager
2 July 2008