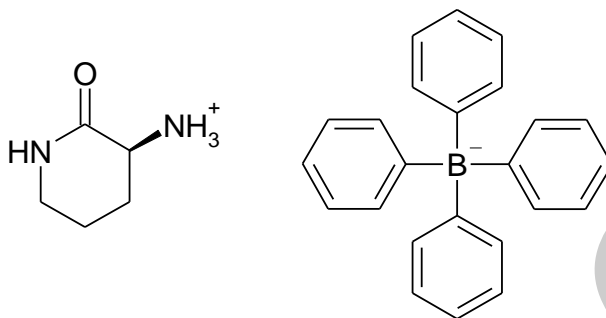


Certificate of Analysis

Structure:



Name	L-ornithine lactam tetraphenylborate
Synonym(s)	(3 <i>S</i>)-2-oxopiperidin-3-aminium tetraphenylborate
Epichem Item #	EPL-AA92 Batch 1
CAS #	Not available
Molecular Formula	C ₂₉ H ₃₁ BN ₂ O
Molecular Weight	434.39 g/mol
Purity	98.5% (weight/weight) 100.0% by HPLC at 200nm (assuming all components have the same response factor). No significant impurities detected by ¹ H NMR analysis. 1.5% water by Karl-Fischer method. 2.8% ash.
Combustion Analysis	Required (%): C:80.2; H:7.2; N:6.4. Found (%): C:79.3; H:7.2; N:6.2.
Appearance	White powder
Melting Point	210-211°C
Date of Manufacture	20 September 2011
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
 18 October 2011