

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	16518
<b>Lot Number</b>	001702-20160903
<b>Product</b>	<b>(2R)-(-)-Glycidyl tosylate</b>  (R)-(-)-Oxirane-2-methanol p-toluenesulfonate  (R)-(-)-Glycidyl p-toluenesulfonate
<b>CAS Number</b>	113826-06-5
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>12</sub> O <sub>4</sub> S
<b>Molecular Weight</b>	228.26

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	46-47 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -18.3° (C=2.75 in CHCl <sub>3</sub> )
<b>Loss on Drying</b>	0.2%
<b>Chiral HPLC</b>	99.38% (ee)
<b>Purity by GC</b>	99.30%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	See material safety data sheet for additional information  For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager