

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	39541
<b>Product</b>	<b><i>tert</i>-Butyldimethylsilyl (S)-glycidyl ether</b> (S)-2-[( <i>tert</i> -Butyldimethylsilyloxy)methyl]oxirane (S)-1-[( <i>tert</i> -Butyldimethylsilyloxy)-2,3-epoxypropane]
<b>CAS Number</b>	123237-62-7
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>20</sub> O <sub>2</sub> Si
<b>Molecular Weight</b>	188.34

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<b>Warnings</b>	<i>Air sensitive! Moisture sensitive! Heat sensitive! Store under inert gas!</i>
<b>Appearance</b>	Colorless clear liquid
<b>Boiling point</b>	30 °C / 0.5 mmHg
<b>Flash Point</b>	73 °C
<b>Density</b>	0.9 g/mL
<b>Refractive Index</b>	$n_{20D} = 1.43$
<b>Optical Rotation</b>	$[\alpha]_{20D} = 5 - 7^\circ$ (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 95%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**