

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	41525
<b>Product</b>	<b>(S)-(-)-4-Hydroxy-2-pyrrolidinone</b> (S)- $\beta$ -Hydroxy- $\gamma$ -butyrolactam
<b>CAS Number</b>	68108-18-9
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>7</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	101.1

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<b>Appearance</b>	White to off-white solid
<b>Melting Point</b>	156 - 159 °C (Lit.)
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>23</sub> /D = -43 ° (C = 1 in ethanol)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 96.5%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**