

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	41531
<b>Product</b>	<b>4-Oxo-L-proline hydrobromide</b> (S)-4-Oxopyrrolidine-2-carboxylic acid hydrobromide
<b>CAS Number</b>	75776-67-9
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>8</sub> NO <sub>3</sub> Br
<b>Molecular Weight</b>	210.03

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<b>Warnings</b>	<i>Moisture sensitive! Store under Argon!</i>
<b>Appearance</b>	White to yellow to brown solid
<b>Melting Point</b>	134 - 140 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>22</sup> = -32 ° (C = 0.5 in methanol)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	83 - 105%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**