

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03850
<b>Product</b>	<b>Z-O-tert-butyl-L-trans-4-hydroxyproline</b>  Z-L-Hyp(tBu)-OH
<b>CAS Number</b>	85201-91-8
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>23</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	321.4

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<b>Appearance</b>	Light yellow oil
<b>Solubility</b>	Clear solution (0.3 g in 3mL DMF)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -18.0 ± 2° (C=2 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at ≤ -18 °C

**For Laboratory Use Only**