

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	32531
<b>Product</b>	<b>(+)-Sparteine</b>  Pachycarpine
<b>CAS Number</b>	492-08-0
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>26</sub> N <sub>2</sub>
<b>Molecular Weight</b>	234.38

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<b>Warnings</b>	<i>Air sensitive!</i>
<b>Appearance</b>	Light yellow viscous oily liquid
<b>Solubility</b>	Easily soluble in ethanol
<b>Density</b>	1.020 - 1.024
<b>Refractive Index</b>	1.5260 - 1.5290
<b>Heavy Metals</b>	≤ 10 ppm
<b>pH</b>	11.2 - 11.8
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = +15.5 to +17.5 °
<b>Related Substances</b>	≤ 2%
<b>Assay by titration</b>	98 - 101% (On dry basis)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**