

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39489
<b>Product</b>	<b>(S)-(-)-2-Amino-3,3-dimethyl-1,1-diphenyl-1-</b>
<b>CAS Number</b>	144054-70-6
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>23</sub> NO
<b>Molecular Weight</b>	269.39

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<b>Appearance</b>	White or off-white crystalline powder
<b>Solubility</b>	Soluble in acetone
<b>Melting Point</b>	132 - 136 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>20D</sub> = -144 to -150 ° (C=0.4 in EtOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	≥ 95% (Nonaqueous titration)
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**