

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39478
<b>Product</b>	<b>(R)-(+)-2-Amino-3-methyl-1,1-diphenyl-1-</b>
<b>CAS Number</b>	86695-06-9
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>21</sub> NO
<b>Molecular Weight</b>	255.36

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<b>Warnings</b>	<i>Air sensitive! Store under inert gas!</i>
<b>Appearance</b>	White or off-white crystalline powder
<b>Melting Point</b>	96 - 101 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>20D</sub> = 130 - 145 ° (C=1 in CHCl <sub>3</sub> )
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98% (Nonaqueous titration)
<b>Purity by HPLC</b>	≥ 98%
<b>Chiral Purity</b>	≥ 99% (ee)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**