

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*

<b>Catalogue Number</b>	41633
<b>Product</b>	<b>(S)-(+)-2-Hydroxy-4-phthalimidobutyric acid</b> (S)-(+)-alpha-Hydroxy-1,3-dioxo-2-isoindolinebutyric acid
<b>CAS Number</b>	48172-10-7
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>11</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	249.22

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<b>Appearance</b>	White to off-white crystalline powder
<b>Solubility</b>	Almost soluble in methanol
<b>Melting Point</b>	150 - 154 °C
<b>Optical Rotation</b>	[a] <sub>D</sub> <sup>20</sup> = 5 - 7 ° (C = 1 in Methanol)
<b>Assay by titration</b>	≥ 98%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**