

# *Chem-Impex International, Inc.*

---

**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

---

## *Product Specifications*

<b>Catalogue Number</b>	41756
<b>Product</b>	<b>Phenylthiohydantoin-isoleucine (contains</b> 5- <i>sec</i> -Butyl-3-phenyl-2-thiohydantoin (contains PTH-alloisoleucine) PTH-isoleucine (contains PTH-alloisoleucine)
<b>CAS Number</b>	5066-94-4
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> OS
<b>Molecular Weight</b>	248.34

---

<b>Appearance</b>	White to off-white powder
<b>Melting Point</b>	178 - 182 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>20</sub> /D = 22 - 26 ° (C=1 in EtOH)
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**