

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39157
<b>Product</b>	<b>Fraxinellone</b> (3 <i>R</i> ,3 <i>aR</i> )-3-(Furan-3-yl)-3 <i>a</i> ,7-dimethyl-3 <i>a</i> ,4,5,6- 3-(3-Furyl)-3 <i>a</i> ,4,5,6-tetrahydro-3 <i>a</i> ,7-dimethylphthalide
<b>CAS Number</b>	28808-62-0
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>16</sub> O <sub>3</sub>
<b>Molecular Weight</b>	232.28

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<b>Warnings</b>	<i>Heat sensitive !</i>
<b>Appearance</b>	White to off-white crystalline powder
<b>Melting Point</b>	114 - 118 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -37 to -41 ° (C = 1 in CHCl <sub>3</sub> )
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 96%
<b>Storage</b>	Store at -20 °C

**For Laboratory Use Only**