

# 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

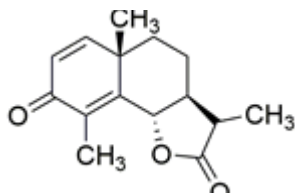
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	38251
<b>Product</b>	<b>Santonin</b> (3S,3aS,5aS,9bS)-3a,5,5a,9b-Tetrahydro-3,5a,9-trimethylnaphtho[1,2-b]furan-2,8(3H,4H)-dione
<b>CAS Number</b>	481-06-1
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>18</sub> O <sub>3</sub>
<b>Molecular Weight</b>	246.31

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<b>Appearance</b>	White to almost white powder
<b>Melting Point</b>	169 - 171 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -180 ± 1 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	[M+H] <sup>+</sup> = 247 ± 1
<b>UV Ratios</b>	λ max : 241 ± 1 nm
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99.5%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**