

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	42318
<b>Product</b>	<b>Gentiopicroside</b> Gentiopicrin (5 <i>R</i> ,6 <i>S</i> )-1-Oxo-5-vinyl-5,6-dihydro-1 <i>H</i> ,3 <i>H</i> -pyrano[3,4- <i>c</i> ]pyran-6-yl
<b>CAS Number</b>	20831-76-9
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>20</sub> O <sub>9</sub>
<b>Molecular Weight</b>	356.33

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<b>Warnings</b>	<i>Heat sensitive!</i>
<b>Appearance</b>	White, orange or green crystalline powder
<b>Melting Point</b>	184 °C (dec.)
<b>Optical Rotation</b>	$\alpha_{D}^{20} = -208$ to $-198$ ° (C=5 in water)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at ≤ -10 °C
<b>Additional Information</b>	$\lambda_{\max} = 274$ (MeOH) nm

**For Laboratory Use Only**