

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	37458
<b>Product</b>	<b>Dansyl hydrazine</b> 5-Dimethylaminonaphthalene-1-sulfonyl hydrazine
<b>CAS Number</b>	33008-06-9
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> S
<b>Molecular Weight</b>	265.33
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<b>Warnings</b>	<i>Light sensitiv! Air sensitive! Store under inert gas!</i>
<b>Appearance</b>	White to light yellow to green powder to crystal
<b>Solubility</b>	Slightly soluble in alcohol, Clear solution in 50 mg/mL ethanol
<b>Melting Point</b>	126 - 130 °C
<b>Elemental Analysis (Found)</b>	C = 53.0 - 55.7 %, N = 15.4 - 16.2 %, S = 11.7 - 12.4 %
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 97%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**