

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	44296
<b>Product</b>	<b>3-(Dimethylamino)-1-(2-thienyl)-1-propanone</b> 2-[3-(Dimethylamino)propionyl]thiophene hydrochloride
<b>CAS Number</b>	5424-47-5
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>13</sub> NOS•HCl
<b>Molecular Weight</b>	219.73

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<b>Warnings</b>	<i>Air sensitive! Store under inert gas!</i>
<b>Appearance</b>	White to almost white crystalline powder
<b>Solubility</b>	Soluble in methanol
<b>Melting Point</b>	176 - 182 °C
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98%
<b>Purity by HPLC</b>	≥ 96%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**