

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	42034
<b>Product</b>	<b>Proflavine hemisulfate salt hydrate</b> 3,6-Diaminoacridine hemisulfate salt
<b>CAS Number</b>	1811-28-5
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>11</sub> N <sub>3</sub> •0.5H <sub>2</sub> SO <sub>4</sub> •xH <sub>2</sub> O
<b>Molecular Weight</b>	258.29

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<b>Warnings</b>	<i>Hygroscopic!</i>
<b>Appearance</b>	Orange red to red crystalline powder
<b>Solubility</b>	To pass test
<b>Odor</b>	Odorless
<b>Water Content (Karl Fisher)</b>	3 - 7%
<b>pH</b>	6 - 8
<b>Sulfated Ash</b>	≤ 0.5%
<b>Assay (anhydrous basis)</b>	≥ 99%
<b>Grade</b>	suitable for Hematology & Histology
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Taste : Bitter Certain other acridine derivative test : To pass test

**For Laboratory Use Only**