

# *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>	42146
<b>Product</b>	<b>Ethidium homodimer</b> EtDi EthD-1
<b>CAS Number</b>	61926-22-5
<b>Molecular Formula</b>	C <sub>46</sub> H <sub>50</sub> Cl <sub>4</sub> N <sub>8</sub>
<b>Molecular Weight</b>	856.75

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<b>Appearance</b>	Red to dark red powder
<b>Solubility</b>	Soluble in water , DMF, DMSO
<b>Melting Point</b>	> 250 °C (Lit.)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 85%
<b>Application</b>	suitable for fluorescence
<b>Storage</b>	Store at ≤ -10 °C

**For Laboratory Use Only**