

# *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>	42904
<b>Product</b>	<b>4-(4,5-Diphenyl-1H-imidazol-2-yl)benzonitrile</b> 2-(4-Cyanophenyl)-4,5-diphenylimidazole
<b>CAS Number</b>	29898-72-4
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>15</sub> N <sub>3</sub>
<b>Molecular Weight</b>	321.38

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<b>Appearance</b>	White to off-white crystalline powder
<b>Melting Point</b>	275 °C
<b>Assay by titration</b>	≥ 98%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	$\lambda_{\max} = 339(\text{MeOH}) \text{ nm}$

**For Laboratory Use Only**