

Chem-Impex International, Inc.

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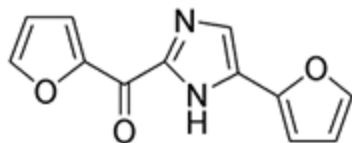
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	10582
Product	2-(2-Furoyl)-4(5)-(2-furanyl)-1H-imidazole
	FFI
	Furan-2-yl-(4-furan-2-yl-1H-imidazol-2-yl)-methanone
CAS Number	91037-91-1
Molecular Formula	C ₁₂ H ₈ N ₂ O ₃
Molecular Weight	228.21
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Appearance	Yellow powder
Solubility	Yellow solution (50mg/ml in CHCl ₃ /Trifluorethanol)
Melting Point	182-186 °C
Elemental Analysis (Theory)	C=63.16%;H=3.53%;N=12.28%
TLC System	Chloroform/methanol/acetic acid 90/8/2 Ethylacetate/hexane 4/5 Detected by: UV 366nm, UV 254nm, chlorine-tolidine, pauly
Analysis by Mass Spectra	[M+H] ⁺ : m/z = 228.21 ± 1 u
Purity by TLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only