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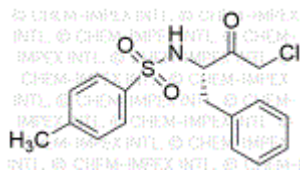
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	10099
Product	Tosyl-L-Phenylalanine chloromethylketone Tos-L-Phe-CMK TPCK
CAS Number	402-71-1
Molecular Formula	C ₁₇ H ₁₈ ClNO ₃ S
Molecular Weight	351.85

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in MeOH)
Melting Point	106 - 110 °C
TLC System	Chloroform/Methanol/Toluene/H ₂ O (8:8:8:1) Chloroform/Ethyl acetate/Acetic Acid (50:50:2) Chloroform/Methanol/Acetic acid (90:8:2) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = -86.0 ± 2° (C=1 in EtOH abs.)
Assay	≥ 99% (Elemental analysis based on Carbon content)
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only