

Chem-Impex International, Inc.

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825 Dillon Drive

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Certificate of Analysis

Catalogue Number	03112
Lot Number	101104-13304
Product	Tosyl-L-phenylalanine

Tos-L-Phe-OH

CAS Number	13505-32-3
Molecular Formula	C ₁₆ H ₁₇ NO ₄ S

Molecular Weight	319.4
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Appearance	Off-white powder
Solubility	0.3 gram in 2 ml DMF clear solution
Melting Point	164.5-164.8°C
Optical Rotation	[α] _D ²⁰ = -16.7° (C=1 in DMF)
Analysis by Mass Spectra	Conforms to structure
Purity by HPLC	98.73%
Storage	Store at 0-8°C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager