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Certificate of Analysis

Catalogue Number	03165
Lot Number	000424-181109-16508
Product	<i>O</i>-tert-Butyl-L-tyrosine methyl ester hydrochloride L-Tyr(tBu)-OMe•HCl
CAS Number	51482-39-4
Molecular Formula	C ₁₄ H ₂₁ NO ₃ •HCl
Molecular Weight	287.8

Appearance	White powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	146.3 - 146.7 °C
Elemental Analysis (Found)	< 5% (C, H, N)
Water Content (Karl Fisher)	0.37%
Optical Rotation	[α] ²⁰ _D = 39.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.06% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99%
Storage	Store at 0 - 8 °C

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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