

Chem-Impex International, Inc.

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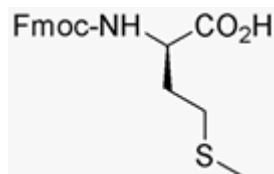
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02437
Product	Fmoc-D-methionine Fmoc-D-Met-OH
CAS Number	112883-40-6
Molecular Formula	C ₂₀ H ₂₁ NO ₄ S
Molecular Weight	371.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	110 - 140 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] ²⁰ _D = 28 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2.0% (60 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
L-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only