



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 04-1269
Lot Number 000129-11075
Product **Fmoc-L-glutamic acid γ -allyl ester**

Fmoc-L-Glu(OAll)-OH

Fmoc-L-glutamic acid 5-allyl ester

CAS Number 133464-46-7

Molecular Formula $C_{23}H_{23}NO_6$

Molecular Weight 409.42

Appearance White crystalline powder
Melting Point 128-129 °C
Optical Rotation $[\alpha]_D^{20} = -16.8$ (C=1 in DMF)
Assay By Titration 100.0%
Purity by HPLC 99.6%
Purity by TLC > 99%
Storage Store at 2-8 °C