



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number	04-1266
Lot Number	000129-07617
Product	<b>Fmoc-D-glutamic acid <math>\gamma</math>-allyl ester</b>

Fmoc-D-Glu(OAll)-OH

Fmoc-D-glutamic acid 5-allyl ester

CAS Number	204251-33-2
Molecular Formula	C <sub>23</sub> H <sub>23</sub> NO <sub>6</sub>
Molecular Weight	409.4

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Appearance	White crystalline powder
Melting Point	121-123 °C
Optical Rotation	$[\alpha]_D^{20} = +17.20^\circ$ (C=1 in DMF)
Assay by titration	99.1%
Purity by HPLC	99.2%
Purity by TLC	> 98%
Storage	Store at 0-8 °C