



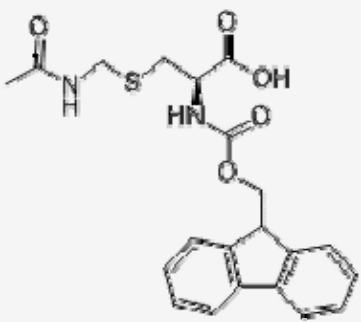
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: **DYC101705091**

Product name	Fmoc-S-acetamidomethyl-L-cysteine
CAS Number	86060-81-3
Molecule Structure	
Molecule Formula	C ₂₁ H ₂₂ N ₂ O ₅ S
Batch number	20170318
Manuf date	2017-03-18
Testing date	2017-03-19

Analysis tests	Standard	Results
Appearance	White powder	Complies
Purity(HPLC)	≥98.5%	99.25%
Optical Purity	≤0.5% D-enantiomer	0.0143%
TLC	≥98%	>98%
Element analysis(C、 H、 N)	≤5.0%	<5.0%
Melting Point	145-160°C	149.1-151.0°C
Specific Rotation[α]_D²⁰	-32°±1.5° (C=1 in MeOH)	-33.2°(C=1 in MeOH)
Clarity of solution	0.3 gram in 2ml DMF clear solution	Complies
IR Spectrum	In accordance with the structure	Complies
Mass Spectrum	In accordance with the structure	Complies
NMR Spectrum	In accordance with the structure	Complies

Hangzhou Dingyan Chem Co.,Ltd.
QUALITY CONTROL: Freya
Quality Control
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风

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