



Version	01
Molecular weight	329.14
Quality Test / Release Date	01/12/2021
Molecular Formula	C ₉ H ₁₆ I N O ₄
CAS No	93267-04-0
Linear Formula	
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	43846	Quality Test / Release Date	01/12/2021
Lot Number	336767	Suggested retest date	01/12/2026
Description	BOC-3-iodo-L-alanine methyl ester, 97%		
Country of Origin	CHINA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance	white to yellow powder	pale yellow powder
Infrared spectrum	authentic	authentic
Melting point	49°C to 53°C	50.2°C to 50.5°C
HPLC	≥96.0 %	100.0 %
Specific optical rotation	-3.0° to -5.0° (20°C, 589 nm)	-3.4° (20°C, 589 nm) (c=2 in methanol)
NMR (1H-NMR)		Consistent with structure



A handwritten signature in black ink, appearing to read "C. Wygaerts".

C. Wygaerts, QA Manager

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