

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalog Number	05444
Product Name	Boc-3,5-diiodo-D-Tyr-OH Boc-3,5-diiodo-D-tyrosine
Lot Number	05444-050506-1
CAS Registry Number	214630-08-7
Molecular Formula	C ₁₄ H ₁₇ I ₂ NO ₅
Molecular Weight	533.33
Appearance	Off-white powder
Melting Point	175–178 °C
Optical Rotation	$\alpha^20_D = -35.16^\circ$ (c=1.1% in Dioxane)
Purity (HPLC)	99%
Storage	Store at -0°C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 μ m, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	10.88
Sample preparation	2 mg/1 mL 100% Acetonitrile/Water
Injection volume, μl	5
Method /Detection at, nm	Gradient
	30-80% B
	A = 99.9% Water, 0.1% TFA
	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min

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