

# *Chem-Impex International, Inc.*

Tel: (630) 766-2112

E-mail: [sales@chemimpex.com](mailto:sales@chemimpex.com)

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: [www.chemimpex.com](http://www.chemimpex.com)

Manufacturing site:

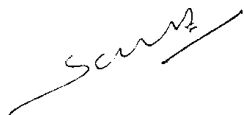
825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalog Number</b>	03975
<b>Product Name</b>	Boc-Tyr(3,5-DiI)-OH Boc-3,5-diiodo-L-tyrosine
<b>Lot Number</b>	03975-051005-1
<b>CAS Registry Number</b>	62129-53-7
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>17</sub> I <sub>2</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	533.33
<b>Melting Point</b>	169-170° C
<b>Specific Rotation [<math>\alpha</math>]<sup>20</sup><sub>D</sub></b>	+40.15° (c=1.0% in Dioxane)
<b>Purity</b>	99.2%
<b>Storage</b>	Store at 0-8 °C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.



**Sashi Kumar**  
**Quality Control Manager**

## HPLC Conditions

<b>Column</b>	Beckman Ultrasphere 5 $\mu\text{m}$ , 250x4.6 mm, 150 $\text{\AA}$
<b>Guard Column</b>	Supel Guard LC-18-DB, 2 cm
<b>Retention Time, min</b>	9.83
<b>Sample preparation</b>	2 mg/1 ml 50% Acetonitrile/Water
<b>Injection volume, <math>\mu\text{l}</math></b>	5
<b>Method /Detection at, nm</b>	<b>Gradient</b>
	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

**Boc / 210**