

## 1. Identification

### Catalogue Number

B621330

### Lot Number

711631093-3-3

### Product Name

Boc-L-aspartic Acid  $\beta$ -Methyl Ester

### Synonyms

N-[(1,1-Dimethylethoxy)carbonyl]-L-aspartic Acid 4-Methyl Ester; (S)-2-(tert-Butoxycarbonylamino)-4-methoxy-4-oxobutanoic Acid; N-tert-Butoxycarbonylaspartic Acid  $\beta$ -Methyl Ester

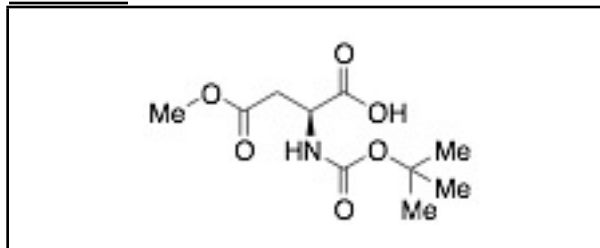
### CAS Number

59768-74-0

### Solubility

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

### Structure



### Molecular Formula

C<sub>10</sub>H<sub>17</sub>NO<sub>6</sub>

### Source of Product

N/A

### Long Term Storage Conditions

4°C

### Molecular Weight

247.25

### Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information




<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 48.38, %H: 7.06, %N: 5.57
HPLC Purity	>95%	99.67% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+34.4° (c = 0.3, Chloroform)

### Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			8/12/2022	8/10/2026
Henry Tieu Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Jr. Quality Assurance		