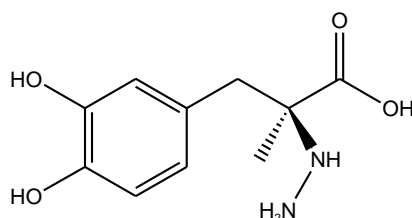


## Carbidopa

Cat # NB-48-0232



### Product Information

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<b>Batch No.:</b>	0127BG/01
<b>Chemical Name:</b>	S-(-)- $\alpha$ -Hydrazino-3,4-dihydroxy-2-methylbenzene-propanoic acid; S-(-)-Carbidopa
<b>Batch Molecular Formula:</b>	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub>
<b>Batch Molecular Weight:</b>	226.23
<b>CAS No.:</b>	[28860-95-9]
<b>Physical Appearance:</b>	White or almost white powder
<b>Melting Point:</b>	203 - 205° C
<b>Storage:</b>	RT

### Solvent and solubility

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Soluble to 10 mM in ethanol

### Biological activity

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Peripheral inhibitor of L-Aromatic Amino Acid Decarboxylase, used in combination with Levodopa for the treatment of Parkinsonism.

### References

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1. Kopfhammer et al. (1985) Pharmacopsychiatry 18:143;
2. Cheng et al. (1992) FASEB J 6:A1589

- CAUTION - Not fully tested. For Research use only. Not for human use. –

NB-48-0232 Carbidopa

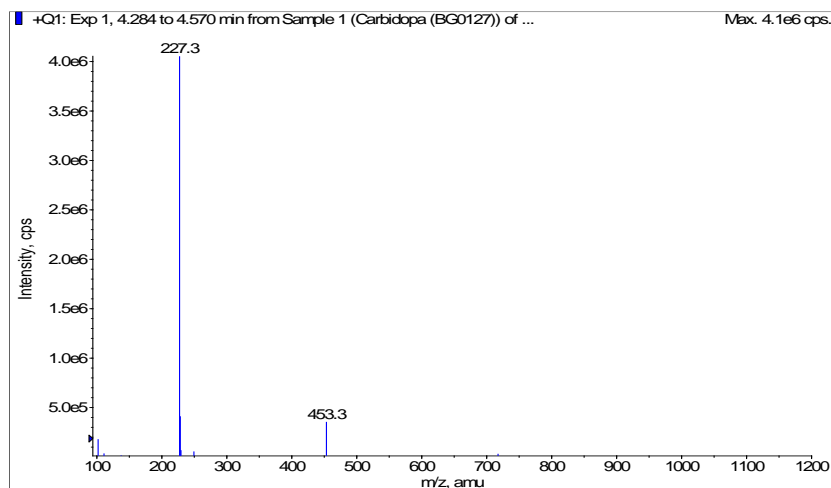
## Analytical data

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HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Specific rotation:  $-22.5^\circ$  (complies); Residue on ignition: 0.05% (complies); Heavy Metals: < 10 ppm (complies); HPLC Assay: 98.8% (complies).



Time (min) 4.36  
M+H+ at m/z 227.3, a dimer at m/z 453.3.

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