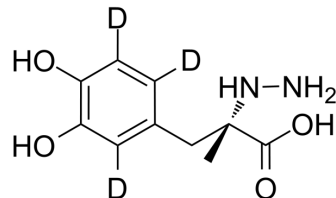


Carbidopa-d₃-1

Cat. No.:	HY-B0311S1
Molecular Formula:	C ₁₀ H ₁₁ D ₃ N ₂ O ₄
Molecular Weight:	229.25
Target:	Aryl Hydrocarbon Receptor; Isotope-Labeled Compounds
Pathway:	Immunology/Inflammation; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Carbidopa-d₃-1 is the deuterium labeled Carbidopa (HY-B0311). Carbidopa, a peripheral decarboxylase inhibitor, can be used for the research of Parkinson's disease. Carbidopa is a selective aryl hydrocarbon receptor (AhR) modulator. Carbidopa inhibits pancreatic cancer cell and tumor growth^{[1][2]}.

REFERENCES

[1]. Aryl Hydrocarbon Receptor

[2]. Fermaglich J. Treatment of Parkinson's disease with carbidopa, a peripheral decarboxylase inhibitor, and levodopa. Med Ann Dist Columbia. 1974;43(12):587-591.

Caution: Product has not been fully validated for medical applications. For research use only.

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