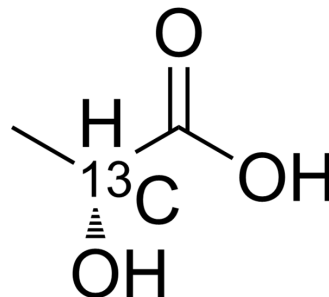


D-(-)-Lactic acid-¹³C-1

Cat. No.:	HY-111095S2
CAS No.:	1224440-85-0
Molecular Formula:	C ₂ ¹³ CH ₆ O ₃
Molecular Weight:	91.07
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

D-(-)-Lactic acid-¹³C-1 is the ¹³C labeled D-(-)-Lactic acid. D-(-)-Lactic acid is a normal intermediate in the fermentation (oxidation, metabolism) of sugar. D-(-)-Lactic acid is identified to be a competitive inhibitor of ProDH (proline dehydrogenase) in plants^[1].

REFERENCES

[1]. Schertl P, et al. Biochemical characterization of proline dehydrogenase in Arabidopsis mitochondria. FEBS J. 2014 Jun;281(12):2794-804.

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

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