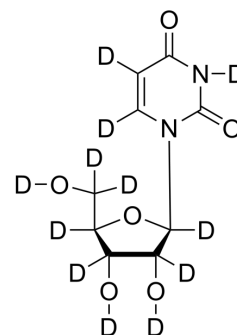


Uridine-d₁₂

Cat. No.:	HY-B1449S12
Molecular Formula:	C ₉ D ₁₂ N ₂ O ₆
Molecular Weight:	256.28
Target:	Endogenous Metabolite; Nucleoside Antimetabolite/Analog; Isotope-Labeled Compounds
Pathway:	Metabolic Enzyme/Protease; Cell Cycle/DNA Damage; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Uridine-d₁₂ (β-Uridine-d₁₂) is the deuterium labeled Uridine (HY-B1449). Uridine is a glycosylated pyrimidine-analog containing uracil attached to a ribose ring (or more specifically, arifofuranose) via a β-N1-glycosidic bond^[1].

REFERENCES

[1]. G P Connolly, et al. Uridine and its nucleotides: biological actions, therapeutic potentials. Trends Pharmacol Sci. 1999 May;20(5):218-25.

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

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