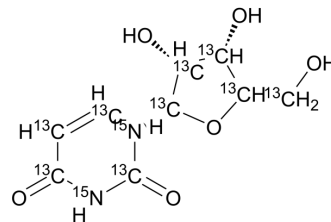


## Uridine-<sup>13</sup>C<sub>9</sub>, <sup>15</sup>N<sub>2</sub>

Cat. No.:	HY-W751165
CAS No.:	202406-84-6
Molecular Formula:	<sup>13</sup> C <sub>9</sub> H <sub>12</sub> <sup>15</sup> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	255.12
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-13C<sub>9</sub>,15N<sub>2</sub> (β-Uridine-13C<sub>9</sub>,15N<sub>2</sub>) is <sup>13</sup>C and <sup>15</sup>N labeled Uridine (HY-B1449). Uridine is a glycosylated pyrimidine-analog containing uracil attached to a ribose ring (or more specifically, aribofuranose) via a β-N1-glycosidic bond<sup>[1]</sup>.

### 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA