

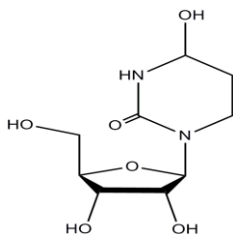
# Tetrahydrouridine

**ALTERNATE NAME:** 2(1H)-pyrimidinone, tetrahydro-4-hydroxy-1-beta-D-ribofuranosyl-, NSC112907; THU

**CATALOG #:**

1671-10	10 mg
1671-25	25 mg
1671-100	100 mg
1671-500	500 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>9</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>

**MOLECULAR WEIGHT:** 248.23

**CAS#:** 18771-50-1

**APPEARANCE:** Off-white solid

**SOLUBILITY:** Water (200 mg/ml) or MeOH (25 mg/ml). **Note:** Following reconstitution, aliquot, purge with inert gas, and freeze at -20°C.

**PURITY:** ~80% by TLC

**STORAGE:** Store at -20°C. Protect from air and light

**DESCRIPTION:** A competitive cytidine deaminase inhibitor and a multidrug resistance modulator. It makes tumor cells more sensitive to radiation therapy making it useful for cancer treatment.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Tetrahydrouridine (**Cat. No. 1671-10, 25**)

EZSolution™ Tetrahydrouridine (**Cat. No. 2355-25**)

DiscoveryPak™ Gemcitabine-THU Set (**Cat. No. K841-2**)

Zebularine (**Cat. No. 2251-1, 5**)

