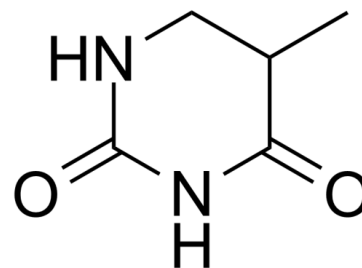


Data Sheet

Product Name:	5,6-Dihydro-5-methyluracil
Cat. No.:	CS-0030750
CAS No.:	696-04-8
Molecular Formula:	C ₅ H ₈ N ₂ O ₂
Molecular Weight:	128.13
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : 83.33 mg/mL (650.36 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

5,6-Dihydro-5-methyluracil (Dihydrothymine), an intermediate breakdown product of thymine, comes from animal or plants. 5,6-Dihydro-5-methyluracil (Dihydrothymine) can be toxic when present at abnormally high levels^[1].

References:

[1]. Yamane T, et al. Dihydrothymine from UV-irradiated DNA. Proc Natl Acad Sci U S A. 1967 Aug;58(2):439-42.

CAIndexNames:

2,4(1H,3H)-Pyrimidinedione, dihydro-5-methyl-

SMILES:

O=C1NC(C(C)CN1)=O

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

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