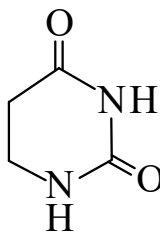




>>Entry Name: Dihydro-2,4(1*H*,3*H*)-pyrimidinedione, 9CI

Synonym(s): Hydouracil, 8CI. Dihydouracil. Hexahydro-2,4-dioxypyrimidine



CAS Registry Number: 504-07-4

Molecular Formula: C₄H₆N₂O₂

Molecular Weight: 114.104

Accurate Mass: 114.042928

Percentage Composition: C 42.11%; H 5.30%; N 24.55%; O 28.04%

Biological Source: Component of transfer ribonucleic acid (tRNA)

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 275-276°

Aldrich: 21964-9

Rare Chemicals Library: S53355-6

Sigma: D7628

>>Derivative: 1-Nitroso

CAS Registry Number: 16813-36-8

Molecular Formula: C₄H₅N₃O₃

Molecular Weight: 143.102

Accurate Mass: 143.033092

Percentage Composition: C 33.57%; H 3.52%; N 29.36%; O 33.54%

Hazard & Toxicity: Exp. carcinogen. LD₅₀ (rat, ipr) 850 mg/kg

References:

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