

Product Data Sheet

Product Name: Uracil
Cat. No.: GC15509

Chemical Properties

Cas. No. 66-22-8

Chemical Name 1H-pyrimidine-2,4-dione

SMILES C1=CNC(=O)NC1=O

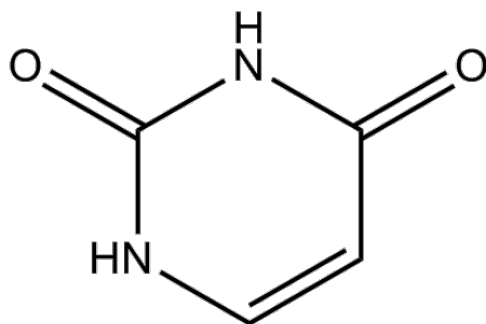
Formula C4H4N2O2 M.Wt 112.09

Solubility $\geq 5.85\text{mg/mL}$ in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Uracil is a common and naturally occurring pyrimidine derivative and one of the four nucleobases in the nucleic acid of RNA.

References:

[1]. Pałasz A, et al. In search of uracil derivatives as bioactive agents. Uracils and fused uracils: Synthesis, biological activity and applications. Eur J Med Chem. 2015 Jun 5;97:582-611.

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

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