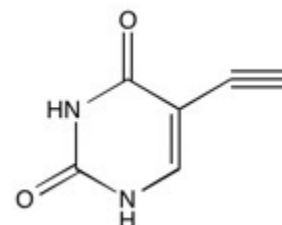


Eniluracil, Dihydropyrimidine dehydrogenase inhibitor

Catalog	Unit
TBI4600-10MG	10 mg
TBI4600-50MG	50 mg

Product Details

Formal Name: 5-Ethynyluracil
Alternate Names: GW776C85
Molecular Formula: C₆H₄N₂O₂
Formula Weight: 136.11
CAS Number: 59989-18-3
Purity: >98%
Formulation: Powder
Solubility: Soluble in DMSO
Storage: -20°C
Stability: ≥ 1 year.



Applications

Dihydropyrimidine dehydrogenase inhibitor

Functions

Eniluracil is an irreversible dihydropyrimidine dehydrogenase (DPD) inhibitor. DPD is involved in the degradation of pyrimidine-based chemotherapeutic drugs such as 5-fluorouracil (5-FU). Eniluracil has been used along with 5-FU to prolong circulating concentrations of the drug.

Application Procedures

First dissolved in DMSO, then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.