Inhibitors

Certificate of Analysis

Tegafur-Uracil

Cat. No.: HY-16110 CAS No.: 74578-38-4 Batch No.: 333521

Chemical Name: 2,4(1H,3H)-Pyrimidinedione, 5-fluoro-1-(tetrahydro-2-furanyl)-, mixt. with 2,4(1H,3H)-pyrimidin

edione

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{12}\mathsf{H}_{13}\mathsf{FN}_4\mathsf{O}_5$

Molecular Weight: 312.25

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹ H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.77%

Conclusion: The product has been tested and complies with the given specifications.

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

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