

Prevent 5-Fluorouracil toxicity Detect DPD's deficiency

5-Fluorouracil is one of the most administrated drugs for the treatment of solid cancers. The use of this drug induces severe toxicities caused mainly by the deficiency of the enzyme dihydropyrimidine dehydrogenase (DPD), therefore a pretreatment assessment is necessary.

Alsachim offers you the standards you need for the quantification of dihydrouracil to uracil ratio in plasma and also for a continuous follow-up of 5-fluorouracil doses.

You can order now the standards you require to start your bioanalysis.

Product Name	Product N°
Uracil	C7820
[¹³ C, ¹⁵ N ₂]-Uracil	M150
Dihydrouracil	C4687
[¹³ C, ¹⁵ N ₂ , ² H ₄]-Dihydrouracil	C4677
[¹³ C, ¹⁵ N ₂]-Dihydrouracil	C7849
5-Fluorouracil	C6519
[¹³ C, ¹⁵ N ₂]-5-Fluorouracil	C2086

1 mg pack size available

Contact us for any specific request.

Contact us now to get your personalized quote: contact@alsachim.com

All our products are delivered with a detailed **Certificate of Analysis**

Label Your Life

Alsachim is one of the world leaders in the synthesis of stable labeled (^{13}C , ^2H , ^{15}N) internal standards, stable labeled building blocks, APIs (Active Pharmaceutical Ingredient) and metabolites used in bioanalysis studies. Based on its expertise, Alsachim develops also therapeutic drug monitoring devices to support hospitals and bioanalysis centers in their daily work and routine operation.

We supply our products to customers all over the world, spread throughout the chemical discipline including the pharmaceutical and biotech industry, clinical and bio-analytical CROs, and research institutions, in different applications.

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- Forensic & Toxicology
- Doping agents
- Environment
- Food & Beverage

Alsachim offers a comprehensive Certificate of Analysis including chemical purity determined by HPLC/UV analysis, LC/MS analysis, Mass spectrum, ^1H , ^{13}C , ^{19}F , ^{31}P NMR spectra.

We guarantee our compounds over **98%** pure and **98%** isotope with **no unlabeled** isotope detected



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