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## Product Datasheet

### Gimeracil, CAS [[103766-25-2]] FBM-10-4601

Article Name	Gimeracil, CAS [[103766-25-2]]
Biozol Catalog Number	FBM-10-4601
Supplier Catalog Number	10-4601
Alternative Catalog Number	FBM-10-4601-25MG,FBM-10-4601-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Dihydropyrimidine dehydrogenase inhibitor...
Molecular Weight	145.54
Purity	98% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[103766-25-2]
Formula	C5H4CINO2
Application Notes	Gimeracil is a dihydropyrimidine dehydrogenase (DPD) inhibitor. DPD is involved in the degradation of pyrimidine-based chemotherapeutic drugs such as 5-fluorouracil (5-FU). Gimeracil is used along with 5-FU or Tegafur to prolong circulating concentrations of the drugs. <sup>1,2</sup> Gimeracil has also been shown to act as a radiosensitizer via inhibition of homologous recombination in the repair of DNA double strand breaks. <sup>3</sup>