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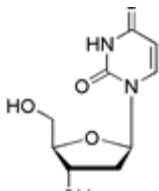
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 00106
Product **2'-Deoxyuridine**

2'-dU

Uracil deoxyriboside

CAS Number 951-78-0

Molecular Formula C₉H₁₂N₂O₅

Molecular Weight 228.2

Appearance White to off-white crystalline powder

Melting Point 163-168 °C

Optical Rotation [α]_D²⁵ = +28.8° to 30.8° (C=2 in H₂O)

Infrared Spectrum Conforms to structure

Loss on Drying ≤ 0.5%

Related Substances Total level of impurities: ≤ 3.0%;
2DR: ≤ 1.5%;
Other impurities: ≤ 1.5%

Residue On Ignition ≤ 1.0%

Assay 97 to 102% (UV, dry basis)

Storage Store at 0-8 °C

Additional Information Color (UV. Abs.): ≤ 0.005%
Uracil (HPLC Area%): ≤ 1.5%

For Laboratory Use Only