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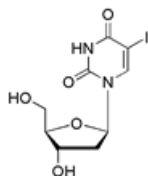
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00191
Product	5-Iodo-2'-deoxyuridine 5-Iodo-dU 1-(2-Deoxy-β-D-ribofuranosyl)-5-iodouracil
CAS Number	54-42-2
Molecular Formula	C ₉ H ₁₁ IN ₂ O ₅
Molecular Weight	354.1
Appearance	White to almost white crystalline powder
Solubility	Clear and colorless solution (0.03 M solution in 1 M Sodium hydroxide)
Melting Point	176 - 184 °C
Anion	Iodide : ≤ 0.1%
Water Content (Karl Fisher)	≤ 1%
pH	5.5 - 6.5
Optical Rotation	[α] _D ²⁰ = 28 - 32 °
Related Substances	≤ 0.5%
Residue On Ignition	≤ 0.1%
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C
Additional Information	Other substance : ≤ 0.5%

For Laboratory Use Only