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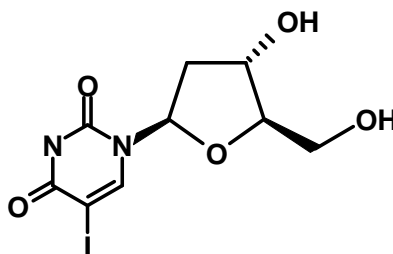
Product Specifications

5-Iodo-2'-deoxyuridine

CAS 54-42-2

Syn: 2'-Deoxy-5-iodouridine; 5-Iodo-2'-deoxyuridine; 5-Iodo-2'-desoxyuridine; 5-Iododeoxyuridine; 5-Iodouracil Deoxyriboside

Structure:



Mol. Formula
Source

C₉H₁₁IN₂O₅
Synthetic

Mol. Wt.

354.10

Test

Specification

Identity	IR, UV
Appearance	White microcryst. solid
Mp	~ 176 °C (decomp.)
Assay (titration)	> 99%
Sp. Rot., [α]_D	28° to 31°, c = 1 in NaOH
LOD (60 °C, 3 hr)	< 0.5 %
TLC	Single Spot
Ash (residue on ignition)	< 0.3%
Heavy metals	< 10 ppm
As	< 1 ppm

Storage: Maintain in cool, dry containment.