

Product Name: 2'-Deoxyuridine, 98+%
Catalog Number: A16026.06

CAS Number: 951-78-0
IUPAC Name: 1-[(2R,4S,5R)-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-1,2,3,4-tetrahydropyrimidine-2,4-dione
Molecular Formula: C₉H₁₂N₂O₅
Molecular Weight: 228.20
MDL Number: MFCD00006527
InChI Key: MXHRCPNRJAMMIM-SHYZEUOFSAN
SMILES: OC[C@H]1O[C@H](C[C@@H]1O)N1C=CC(=O)NC1=O
Synonym: 2'-deoxyuridine, deoxyuridine

Product Specification

Appearance (Color): White to pale cream
Form: Crystals or powder or crystalline powder
Melting Point (clear melt): 157-168°C
Assay (HPLC): ≥98.0%
Optical Rotation: +52.0° ± 2.0° (c=1, 1M NaOH)

Date Of Print: 05/09/2026

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.