

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-SHYZEUOFS-A

SMILES: OC[C@H]1O[C@H](C[C@H]1O)N1C=CC(=O)NC1=O

Synonym: 2'-deoxyuridineldeoxyuridine

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: 01/12/2026

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