

Product Name	: 3-Deoxy-3-fluoroadenosine
Synonyms	: —
Cat No.	: M37870
CAS Number	: 75059-22-2
Molecular Formula	: C ₁₀ H ₁₂ FN ₅ O ₃
Formula Weight	: 269.23
Chemical Name	: —
Description	3'-Deoxy-3'-fluoroadenosine is a purine nucleoside analogue. Purine nucleoside analogs have broad antitumor activity targeting indolent lymphoid malignancies. Anticancer mechanisms in this process rely on inhibition of DNA synthesis, induction of apoptosis, etc.
Pathway	: Microbiology/Virology
Target	: Antibiotic
Receptor	: Nucleoside Antimetabolite/Analog
Solubility	: —
SMILES	: <chem>Nc1ncnc2n(cnc12)[C@@H]1O[C@H](CO)[C@@H](F)[C@H]1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. Curr Pharm Des. 2012;18(23):3373-88.?