

Product Name	: 2-Deoxy-2-iodoadenosine
Synonyms	: —
Cat No.	: M37906
CAS Number	: 118706-49-3
Molecular Formula	: C ₁₀ H ₁₂ IN ₅ O ₃
Formula Weight	: 377.14
Chemical Name	: —
Description	2'-Deoxy-2-iodoadenosine is a purine nucleoside analog. 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	: Others
Target	: Antioxidant
Receptor	: Antioxidant Antibacterial
Solubility	: —
SMILES	: <chem>NC1=C2C(N(C=N2)[C@@H]3O[C@H](CO)[C@@H](O)C3)=NC(I)=N1</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.?