

Product Data Sheet

Product Name: 2-Deoxyadenosine

Cat. No.: GC11642

Chemical Properties

Cas. No. 958-09-8

Chemical Name (2R,3S,5R)-5-(6-amino-9H-purin-9-yl)-2-(hydroxymethyl)tetrahydrofuran-3-ol

SMILES NC1=C(N=CN2[C@@]3([H])C[C@@](O)([H])[C@@](O3)([H])CO)C2=NC=N1

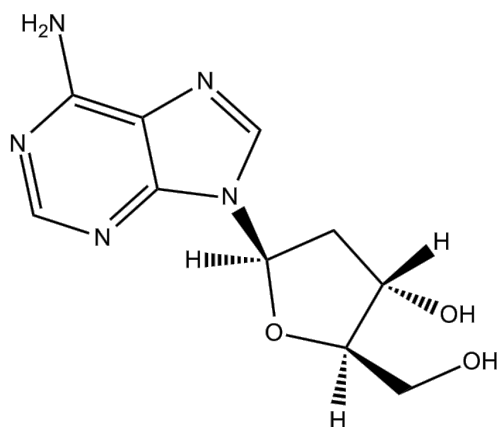
Formula $C_{10}H_{13}N_5O_3$ +adduct M.Wt 251.24

Solubility $\geq 8.37\text{mg/mL}$ in Water with ultrasonic Storage Store at 2-8°C, protect from light and warming

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

2'-Deoxyadenosine is a nucleoside adenosine derivative, pairing with deoxythymidine (T) in double-stranded DNA.

Caution: Product has not been fully validated for medical applications. For research use only.

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