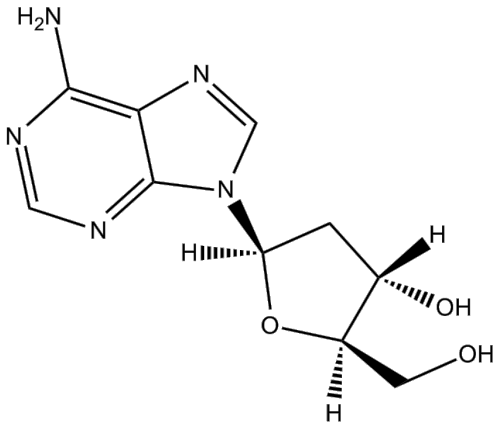
Product Data Sheet

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	≥ 8.37mg/mL in Water with ultrasonic and warming	Storage	Store at 2-8°C, protect from light
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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