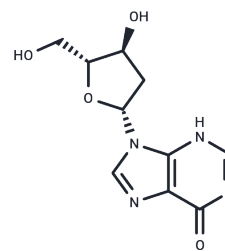


2'-Deoxyinosine

Chemical Properties

CAS No. :	890-38-0
Formula:	C ₁₀ H ₁₂ N ₄ O ₄
Molecular Weight:	252.23
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2'-Deoxyinosine (Guanine deoxyriboside) inhibits the growth of human colon-carcinoma cell lines and is associated with purine nucleoside phosphorylase (PNP) deficiency.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: Limited solubility, DMSO: 6.25 mg/mL (24.78 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9646 mL	19.8232 mL	39.6464 mL
5 mM	0.7929 mL	3.9646 mL	7.9293 mL
10 mM	0.3965 mL	1.9823 mL	3.9646 mL
50 mM	0.0793 mL	0.3965 mL	0.7929 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Baumann T, et al. BMC Biotechnol. 2013 Oct 4;13:81.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481