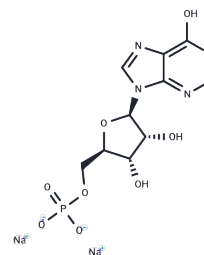


Disodium 5'-inosinate

Chemical Properties

CAS No. :	4691-65-0
Formula:	C ₁₀ H ₁₁ N ₄ NaO ₈ P-
Molecular Weight:	392.17
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Disodium 5'-inosinate (5'-IMP disodium salt) is a flavor agent.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 10 mM, Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5499 mL	12.7496 mL	25.4991 mL
5 mM	0.510 mL	2.5499 mL	5.0998 mL
10 mM	0.255 mL	1.275 mL	2.5499 mL
50 mM	0.051 mL	0.255 mL	0.510 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

Grummer, J. et al.: J. Dairy Sci., 96, 1401 (2013)

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