

Product Data Sheet

Product Name: Disodium 5'-inosinate

Cat. No.: GC38313

Chemical Properties

Cas. No. 4691-65-0

SMILES O=P(OC[C@@H]1[C@H]([C@H]([C@H](N2C=NC3=C(N=CN=C32)O)O1)O)O)(O[Na])O[Na]

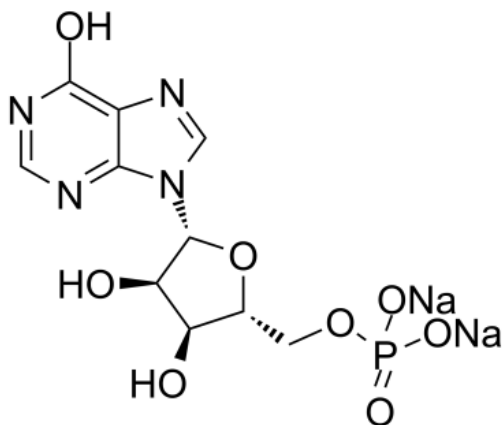
Formula $C_{10}H_{11}N_4Na_2O_8P$ M.Wt 392.17

Solubility H_2O : 250 mg/mL (637.48 mM; Need ultrasonic); DMSO : < 1 mg/mL (insoluble or slightly soluble) Storage Store at -20°C

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

Disodium 5'-inosinate, obtained from bacterial fermentation of sugars, is as a food additive and often found in a variety of other snacks.

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

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