

Product Data Sheet

Product Name: Uridine 5'-monophosphate disodium salt

Cat. No.: GC37865

Chemical Properties

Cas. No. 3387-36-8

SMILES O=C(N1C=CN(C1=O)[C@H]2[C@H](O)[C@H](O)[C@H](O2)COP(O[Na])(O[Na])=O

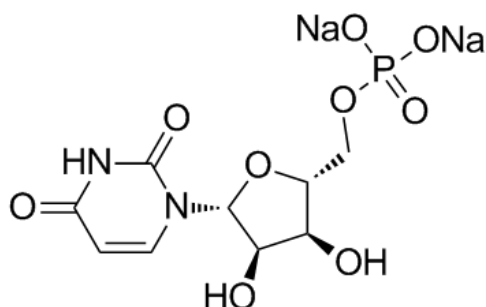
Formula $C_9H_{11}N_2Na_2O_9P$ M.Wt 368.14

Solubility Water: ≥ 50 mg/mL (135.82 mM) 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

Uridine 5'-monophosphate disodium salt is a component used for RNA synthesis.

[1]. Hozumi Y, et al. Orotate phosphoribosyltransferase localizes to the Golgi complex and its expression levels affect the sensitivity to anti-cancer drug 5-fluorouracil. Biomed Res. 2015;36(6):403-9.

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

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