

Product Data Sheet

Product Name: 3-Methylcytidine

Cat. No.: GC65084

Chemical Properties

Cas. No. 2140-64-9

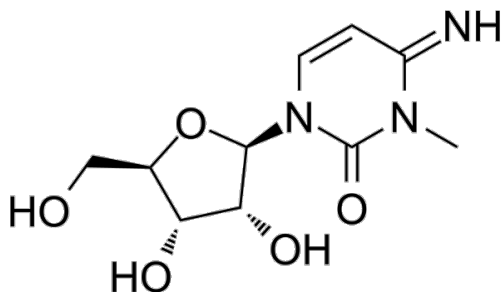
Formula C₁₀H₁₅N₃O₅ M.Wt 257.24

Solubility Water : 90 mg/mL (349.87 mM; Need ultrasonic)|DMSO : 83.33 mg/mL (323.94 mM; Need ultrasonic) 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

3-Methylcytidine, a urinary nucleoside, can be used as a biomarker of four different types of cancer: lung cancer, gastric cancer, colon cancer, and breast cancer[1].

[1]. Hsu WY, et al. Urinary nucleosides as biomarkers of breast, colon, lung, and gastric cancer in

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

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Taiwanese. PLoS One. 2013 Dec 19;8(12):e81701.

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