
Product Data Sheet

Product Name: 6-Methyl-5-azacytidine

Cat. No.: GC35180

Chemical Properties

Cas. No. 105330-94-7

SMILES O=C1N=C(N)N=C(C)N1[C@@H]2O[C@H](CO)[C@@H](O)[C@H]2OFormula $C_9H_{14}N_4O_5$ M.Wt 258.23

Solubility DMSO: 125 mg/mL (484.06 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**

6-Methyl-5-azacytidine is a potent DNMT inhibitor.

[1]. Pískala A, et al. Synthesis and biological activity of 2'-deoxy-6-methyl-5-azacytidine and its alpha-D-anomer. Nucleic Acids Symp Ser. 1981;(9):83-6.

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

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