

Product Data Sheet

Product Name: Guanosine-13C10,15N5

Cat. No.: GC74237

Chemical Properties

Cas. No. 202406-81-3

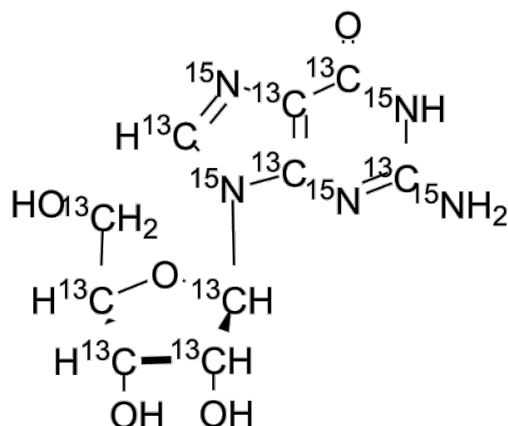
Formula $^{13}\text{C}_{10}\text{H}_{13}^{15}\text{N}_5\text{O}_5$ M.Wt 298.13

Solubility H_2O : 1 mg/mL (3.35 mM; Need ultrasonic and warming) Storage -20°C , protect from light, stored under nitrogen

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

Guanosine-13C10,15N5 is the ^{13}C and ^{15}N labeled Guanosine. Guanosine (DL-Guanosine) is a purine nucleoside comprising guanine attached to a ribose (ribofuranose) ring via a β -N9-glycosidic bond. Guanosine possesses anti-HSV activity.

References:

[1]. De Clercq E. Guanosine analogues as anti-herpesvirus agents. Nucleosides Nucleotides Nucleic Acids. 2000 Oct-Dec;19(10-12):1531-41.

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

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