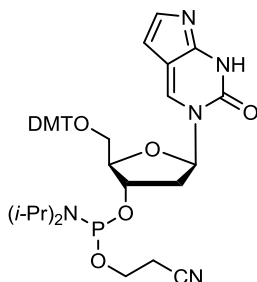


5, *N*⁴-Etheno-dC CEP Product No. BA 0394

Product Information



C₄₁H₄₈N₅O₇P
Mol. Wt.: 753.82

5, *N*⁴-Etheno-dC CEP (BA 0394, also known as Pyrrolo-dC CEP, is a fluorescent pyrimidine nucleoside analog that is useful for the investigation of nucleic acid interactions. Due to the similarity in structure between dC and 5, *N*⁴-Etheno-dC, the modified nucleoside can be incorporated into DNA with retention of DNA structure and nucleobase recognition.¹

Use: Dissolve the phosphoramidite in acetonitrile at concentrations recommended by the synthesizer manufacturer. Coupling, cleavage and deprotection can be carried out according to standard protocols.

Reference

- 1) Ming, X.; Seela, F. *Chem. Eur. J.* **2012**, *18*, 9590-9600 and references therein.