

CYTIDINE-5-CARBOXAMIDE MODIFIED NUCLEOTIDE COMPOSITIONS AND METHODS RELATED THERETO

ABSTRACT

Described herein are 5-position modified cytosine nucleotides and nucleosides as well as phosphoramidites and triphosphates derivatives thereof. Further provided are methods of making and using the same, and compositions and uses of the modified nucleosides as part of a nucleic acid molecule (e.g., aptamer).

[Fig.1]