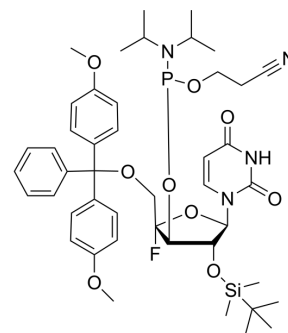


## DMTr-4'-F-U-CED-TBDMS phosphoramidite

<b>Cat. No.:</b>	HY-D1409
<b>Molecular Formula:</b>	C <sub>45</sub> H <sub>60</sub> FN <sub>4</sub> O <sub>9</sub> PSi
<b>Molecular Weight:</b>	879.04
<b>Target:</b>	DNA Stain
<b>Pathway:</b>	Cell Cycle/DNA Damage
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

DMTr-4'-F-U-CED-TBDMS phosphoramidite (DMTr-4'-F-uridine-CED-TBDMS phosphoramidite), a dye reagent for oligonucleotide labeling, can be used for the research of applications in RNA therapeutics, RNA aptamers, and ribozymes for elucidating RNA structure. DMTr-4'-F-U-CED-TBDMS phosphoramidite represents a probe with wide utility for elucidation of RNA structure<sup>[1]</sup>.

### REFERENCES

[1]. Qiang Li, et al. 4'-Fluorinated RNA: Synthesis, Structure, and Applications as a Sensitive <sup>19</sup>F NMR Probe of RNA Structure and Function. *J Am Chem Soc.* 2020 Mar 11;142(10):4739-4748.

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

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