

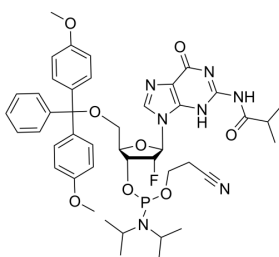
## DMT-2'Fluoro-DG(IB) Amidite

Cat. No.: HY-45492  
 CAS No.: 144089-97-4  
 Batch No.: 103495  
 Chemical Name: Guanosine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-2'-fluoro-N-(2-methyl-1-oxopropyl)-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite]

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{44}H_{53}FN_7O_8P$   
 Molecular Weight: 857.91  
 Storage: 4°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (HPLC): 99.45%  
 Conclusion: The product has been tested and complies with the given specifications.

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

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