

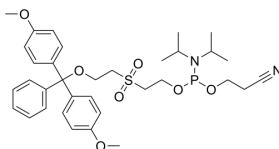
## 2-O-DMT-Sulfonyldiethanol phosphoramidite

Cat. No.: HY-139988  
CAS No.: 108783-02-4  
Batch No.: 314409  
Chemical Name: Phosphoramidous acid, N,N-bis(1-methylethyl)-, 2-[[2-[bis(4-methoxyphenyl)phenylmethoxy]ethyl]sulfonyl]ethyl 2-cyanoethyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>34</sub>H<sub>45</sub>N<sub>2</sub>O<sub>7</sub>PS  
Molecular Weight: 656.77  
Storage: 4°C, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥97.0%  
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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