

Proteins

Inhibitors

Certificate of Analysis

DMT-dA(PAc) Phosphoramidite

Cat. No.: HY-138581 CAS No.: 110543-74-3 Batch No.: 364831

Chemical Name: Adenosine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-N-(phenoxyacetyl)-, 3'-[2-cyano

ethyl bis(1-methylethyl)phosphoramidite]

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{48}H_{54}N_7O_8P$ **Molecular Weight:** 887.96

4°C, protect from light Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure Consistent with structure LCMS:

Purity (LCMS): 98.75%

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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