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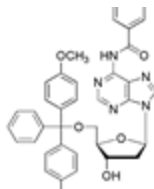
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	14093
Product	5'-O-(4,4'-Dimethoxytrityl)-N⁶-benzoyl-2'-deoxyadenosine (synthetic) DMT-NBz-dA (synthetic)
CAS Number	64325-78-6
Molecular Formula	C ₃₈ H ₃₅ N ₅ O ₆
Molecular Weight	657.74

Appearance	White to slightly yellow powder
Solubility (Turbidity)	HAZEN NO: ≤ 100 (C=0.2 in Acetone)
Water Content (Karl Fisher)	≤ 0.5%
Loss on Drying	≤ 0.5%
Residual Solvents	≤ 0.1% (Acetonitrile)
Related Substances	By HPLC: Single peak: ≤ 0.3% 3' PdA: ≤ 0.1% Acylyated dA: ≤ 0.1% non-Acylyated PdA: ≤ 0.1% Total critical impurities: ≤ 0.3%
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only