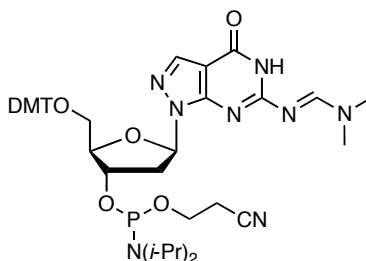


**8-Aza-7-deaza-dG CEP**  
**Product No. BA 0242**  
*Product Information*



Sometimes referred to as "PPG".

For studies on alternating d(G-C)<sub>3</sub> and d(C-G)<sub>3</sub> hexanucleotides containing 8-aza-7-deaza-2'-deoxyguanosine in place of dG, see: Seela, F.; Driller, H. *Nucleic Acids Res.* **1989**, *17*(3), 901-910. In that paper, the *N*<sup>2</sup>-isobutyryl-protected phosphoramidite is described. BA 0242 uses the *N*<sup>2</sup>-(dimethylamino)methylidene-protected version, i.e., the "dmf" version.

Standard DNA phosphoramidites and synthesis protocols may be employed. Acetonitrile diluent at standard concentrations and coupling time as recommended by the synthesizer manufacturer are sufficient to achieve ≥95% coupling efficiency. Normal cleavage and deprotection protocols for dmf-protected dG may be used, e.g., concentrated ammonium hydroxide at 65 °C for 1-4 h, 55 °C for 8-18 h, or room temperature for 24 h.