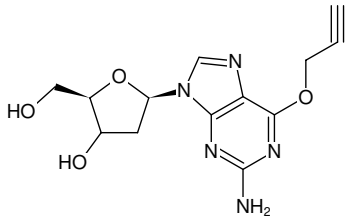
DATA SHEET

Jena Bioscience

6-O-Propynyl-2'-deoxyguanosine

(PdG)

Cat. No.	Amount
CLK-108	5 mg



Structural formula of 6-O-Propynyl-2'-deoxyguanosine

For research use only.

Shipping: shipped at ambient temperature

Storage Conditions: store at -20 °C

Shelf Life: 24 months after date of delivery

Molecular Formula: $C_{13}H_{15}N_5O_4$

Molecular Weight: 305.29 g/mol

Exact Mass: 305.11 g/mol

CAS#: 1640051-47-3

Purity: ≥ 98 % (HPLC)

Form: solid

Color: white to off-white

Solubility: DMSO, Methanol

Selected References:

Flore De Wit *et al.* (2019) Design of reverse transcriptase–specific nucleosides to visualize early steps of HIV-1 replication by click labeling. *J Biol Chem* **294 (31)**:11863–11875.

Akkaladevi Venkatesham *et al.* (2019) Propargylated Purine Deoxynucleosides: New Tools for Fluorescence Imaging Strategies. *Molecules* **28:24(3)**:468.