3′-O-Ac-dCTP

Ribose-modified dCTP analogue

3'-O-Ac-dCTP is an analogue of dCTP with blocked 3’-hydroxy function, which can be used as a transient, pH-sensitive chain terminator during DNA polymerization. The acetyl group of 3'-O-Ac-dCTP is sensitive towards alkaline conditions and can be easily split off at pH > 8 to allow further subsequent polymerization steps.

BLG-A277-25 (5 x 5 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

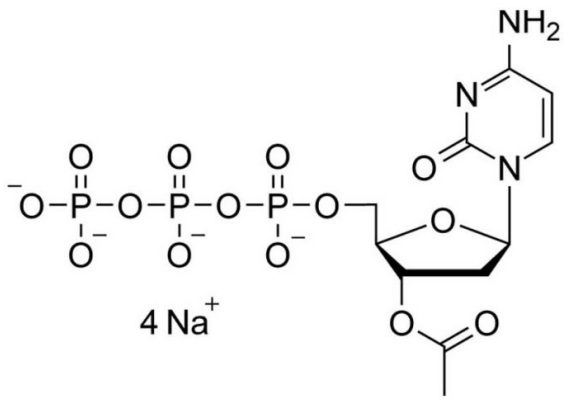
Ordering Information

Order Online »

BLG-A277-05	5µmol
BLG-A277-25	5x5µmol

Manuals, SDS & CofA

View Online »


NH2
N
O
N
O
O
O
O
O
O
O
O
O
O
O
O
4 Na+
O
O

Handling & Storage

Long Term Storage -80°C

Shipping Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name 3′-O-Acetyl-2′-deoxycytidine-5′-O-triphosphate . sodium salt

CAS 90290-80-5

Formula $C_{11}H_{18}N_3O_{14}P_3$. 4 Na

Formulation 10 mM aqueous solution

MW 509.2 (free acid)

Purity > 95% HPLC

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