# 3′-O-IVal-dATP

## Ribose-modified dATP analogue

3'-O-IVal-dATP is an analogue of dATP with blocked 3'-hydroxy function, potentially useful as a transient, pH-sensitive chain terminator during DNA polymerization. The isovaleryl group of 3'-O-IVal-dATP is sensitive towards alkaline conditions and can be split off to allow further subsequent polymerization steps.

*BLG-D168T-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.*

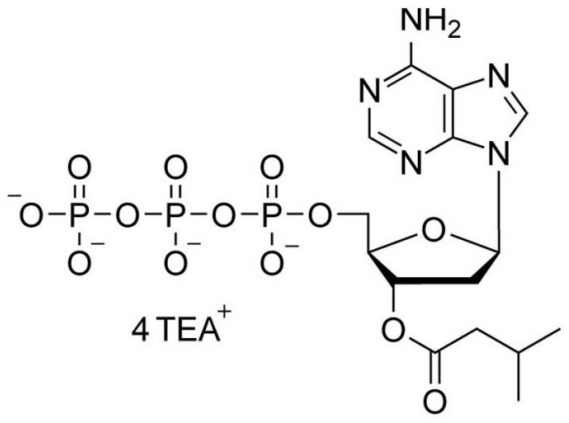
## Ordering Information

Order Online »

| | |
|---|---|
| **BLG-D168T-01** | 1µmol |
| **BLG-D168T-05** | 5x1µmol |

## Manuals, SDS & CofA

View Online »


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## Handling & Storage

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| **Long Term Storage** | -80°C |
| **Shipping** | Dry Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | 2′-Deoxy-3′-O-isovaleryladenosine-5′-O-triphosphate . triethyl ammonium salt |
| **Couple Type** | Modified nucleotides |
| **Formula** | $C_{15}H_{24}N_5O_{13}P_3$ |
| **MW** | 575.3 |
| **Purity** | > 95% HPLC |
| **Quantity** | 1µmol is equivalent to ~0.6 mg |
| **Technical Info / Product Notes** | For the Original Manufacturer's data sheet please click here. |

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