# Ap4A /AppppA

Induces proliferation of vascular smooth muscle cells (Bobbert et al., Biochem. Pharmacol., 75, 1966 - 1973 (2008)), apoptosis in human cultured cells (Vartanian et al., FEBS Lett., 456, 175 - 180 (1999)) and exhibits vasoconstrictor activity (Lewis et al., Br. J. Pharmacol., 129, 124 - 130 (2000)).

*BLG-D115-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.*

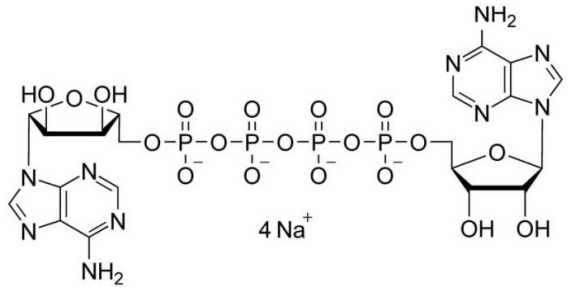
## Ordering Information

Order Online »

| | |
|---|---|
| **BLG-D115-01** | 1µmol |
| **BLG-D115-05** | 5x1µmol |

## Manuals, SDS & CofA

View Online »


HO
O
OH
O
P
O
O
O
O
O
O
O
O
O
O
O
O
O
O
N
N
N
N
NH2
NH2
N
N
N
N
4 Na+
OH
OH

## Handling & Storage

| | |
|---|---|
| **Long Term Storage** | -20°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | P1, P4-Di-(adenosine-5′)-tetraphosphate . tetrasodium salt |
| **CAS** | 5542-28-9 |
| **Couple Type** | Modified nucleotides |
| **Formula** | $C_{20}H_{28}N_{10}O_{19}P_4$ (free acid) |
| **MW** | 836.4 |
| **Purity** | > 95% HPLC |
| **Technical Info / Product Notes** | For the Original Manufacturer's data sheet please click here. |

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