2′-cADPR

Regioisomer of the second messenger cADPR and of 3'-cADPR

BLG-C406-025 (5 x 0.5 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

Ordering Information

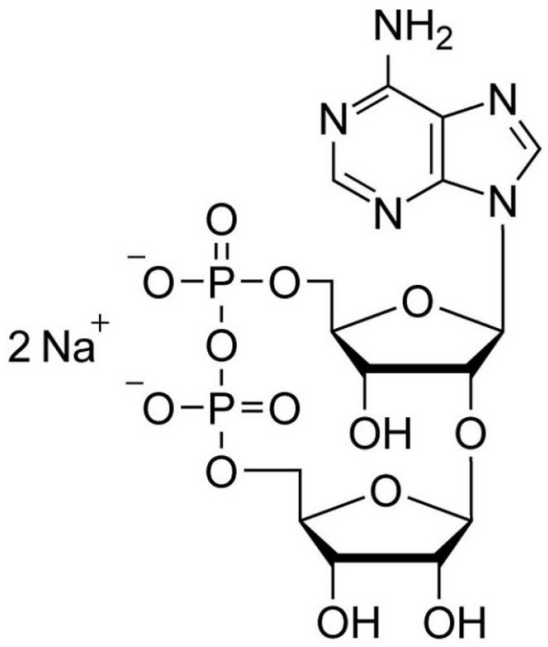
Order Online »

BLG-C406-005	0.5µmol
BLG-C406-025	5x0.5µmol

Manuals, SDS & CofA

View Online »

2'-cADPR is a regioisomer of the canonical second messenger cADPR (Cat. No. BLG-C005) and of 3'-cADPR (Cat. No. BLG-C404). Biosynthesis of 2'-cADPR was identified in Toll/interleukin-1 receptor (TIR)-domain containing proteins in plants and bacteria, and it is hypothesized to have a role in immune signaling.


NH2
N
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2 Na+
O
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OH
OH

Handling & Storage

Long Term Storage -20°C

Shipping Ambient Temperature

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name (1”-2′)-Cyclic adenosine diphosphate ribose . sodium salt, v-cADPR, 1”-2′-gcADPR

Formula $C_{15}H_{21}N_5O_{13}P_2$ (free acid)

MW 541.3 (free acid)

Purity > 98% HPLC

Quantity 0.5 µmol are equivalent to ~ 270 µg

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