Sp-5,6-DCl-cBIMPS

Powerful PDE-resistant and membrane-permeant PKA agonist

Potent, specific and site selective activator of cAMP- dependent protein kinases especially suitable for intact cells showing preference for site B of type II isozyme. Completely stable against mammalian cPDE types I & III and only extremely slowly hydrolized by cPDE type II. Surpasses the widely used but problematic dibutyryl cAMP or 8-CPT-cAMP in terms of metabolic stability, membrane permeability and potency. The corresponding Rp- isomer is available as well (Prod. No. BLG-D013).

BLG-D014-25 (5 x 5 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

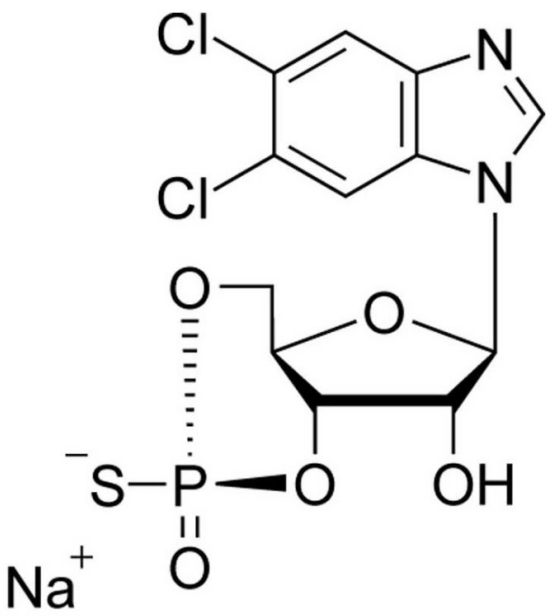
Ordering Information

Order Online »

BLG-D014-05	5µmol
BLG-D014-25	5x5µmol

Manuals, SDS & CofA

View Online »


Cl
Cl
N
N
O
O
S
P
O
OH
O
Na+

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	5,6-Dichloro-1-β-D-ribofuranosyl benzimidazole-3′,5′-cyclic monophosphorothioate . sodium salt, Sp-isomer
CAS	120912-54-1
Couple Type	Modified nucleotides
Formula	$C_{12}H_{10}Cl_2N_2O_5PS$. Na
MW	419.2
Purity	> 99% HPLC
Quantity	5µmol=~2.1mg
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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