2′-TAMRA-AEC-cGMP

cyclic GMP conjugated with the fluorescent dye tetramethylrhodamine

Fluorescent analogue of cGMP with λ_{exc} 555 nm and λ_{em} 580 nm. 2'-TAMRA-AEC-cGMP can be used as a substrate for phosphodiesterases (PDEs) in corresponding assays. This type of fluorescent analogue is also available with a longer 9-atom spacer (2'-TAMRA-AHC-cGMP, Prod. No. BLG-T017).

BLG-T018-025 (5 x 0.5 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

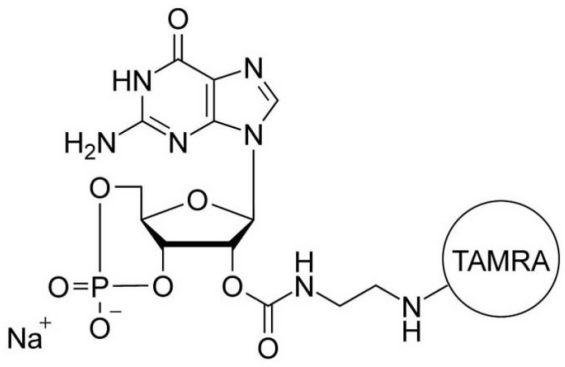
Ordering Information

Order Online »

BLG-T018-005	0.5µmol
BLG-T018-025	5x0.5µmol

Manuals, SDS & CofA

View Online »


O
HN
N
H2N
N
N
O
O
O=P—O
O
O
H
N
TAMRA
Na+
O−
O
N
H

Handling & Storage

Handling	Protect from light.
Long Term Storage	-80°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2′-O-(2-[Tetramethylrhodaminyl]aminoethylcarbamoyl)guanosine-3′,5′-cyclic monophosphate . sodium salt
Couple Type	Modified nucleotides
Formula	$C_{38}H_{37}N_9O_{12}P$. Na
MW	865.7
Purity	> 95% HPLC
Quantity	0.5µmol=~433 µg
Solubility	Soluble in water (≥5mM).
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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