

Product datasheet

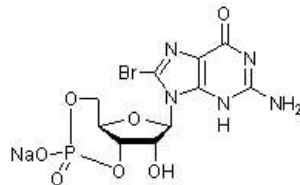
8-Br-cGMP (8-Bromo-cGMP), PKG activator ab141449

[2 References](#) [1 Image](#)

Overview

Product name	8-Br-cGMP (8-Bromo-cGMP), PKG activator
Description	Cell permeable cGMP analog. PKG activator.
Purity	> 95%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called 1838 8-Br-cGMP. 1838-25 is the same size as the 25 mg size of ab141449.
CAS Number	51116-01-9

Chemical structure



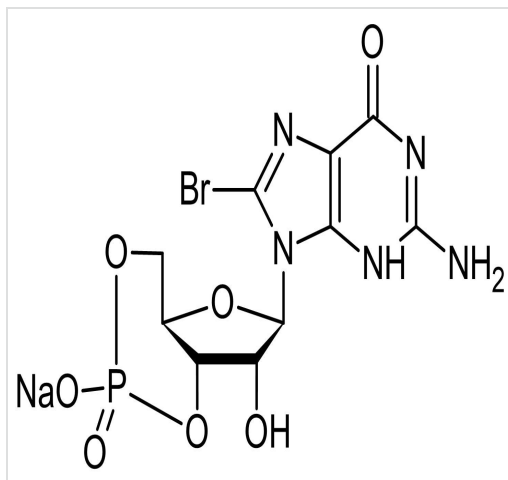
Properties

Chemical name	2-Amino-8-bromo-9-(7-hydroxy-2-oxido-2-oxo-4a,6,7,7a-tetrahydro-4H-furo[3,2-d][1,3,2]dioxaphosphin-6-yl)-3H-purin-6-one sodium salt
Molecular weight	446.08
Molecular formula	C ₁₀ H ₁₀ BrN ₅ NaO ₇ P
PubChem identifier	44134592
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 50 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>C1C2C(C(C(O2)N3C4=C(C(=O)N=C(N4)N)N=C3Br)O)OP(=O)(O1)[O-].[Na+]</chem>

Source

Synthetic

Images



2D chemical structure image of ab141449, 8-Br-cGMP (8-Bromo-cGMP), PKG activator

Chemical Structure - 8-Br-cGMP (8-Bromo-cGMP),
PKG activator (ab141449)

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