

8-bromo-Cyclic ADP-Ribose (sodium salt)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Cyclic ADP-ribose (cADP-ribose) is a calcium mobilizing nucleotide that is biosynthesized from NAD ⁺ by cADP-ribose synthases, including CD38. cADP-Ribose appears to activate calcium channels in intracellular membranes, which in turn activate ryanodine receptors. 8-bromo-cADP-Ribose is a stable, cell-permeable analog that blocks calcium release evoked by cADP-ribose in sea urchin egg homogenates with an IC ₅₀ value of 1.7 μM. It is commonly used to investigate intracellular signaling through cADP-ribose in isolated cells and tissues.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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