

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

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CATALOG #
AAA227342

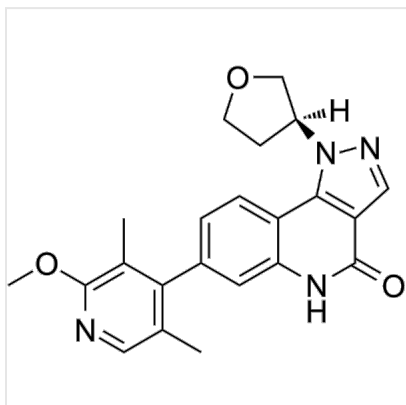
PRODUCT SYNONYMS

8-bromo-Cyclic ADP-Ribose (sodium salt); E2027; 8-bromo-Cyclic ADP-Ribose (sodium salt) biochemical

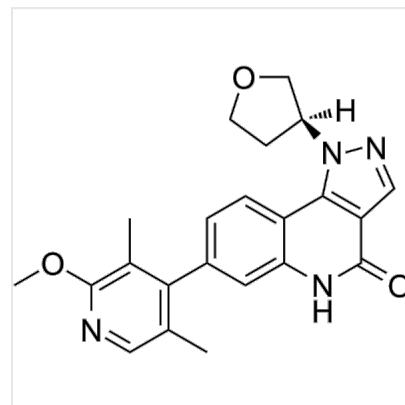
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: Soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Irsonontrine, CAS 1429509-82-9



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ADDITIONAL INFORMATION

Related Product Information for 8-bromo-Cyclic ADP-Ribose (sodium salt) biochemical	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.
References	1. Miyamoto, et al. Dementia therapeutic agent combining pyrazoloquinoline derivative and memantine. WO2018221550 A1 2. Hershey LA, et al. Pharmacological Management of Dementia with Lewy Bodies. <i>Drugs Aging</i>. 2019;36(4):309-319. 3. Eisai to present latest research on Alzheimer's disease / dementia pipeline at the 14th international conference on Alzheimer's & Parkinson's diseases

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

