



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PRODUCT INFORMATION



## Isoguanosine-5'-O-diphosphate (sodium salt)

Item No. 38566

**Formal Name:** ((2R,3S,4R,5R)-5-(6-amino-2-oxo-2,3-dihydro-9H-purin-9-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methyl diphosphate, trisodium salt

**Synonym:** isoGDP

**MF:** C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>11</sub>P<sub>2</sub> • 3Na

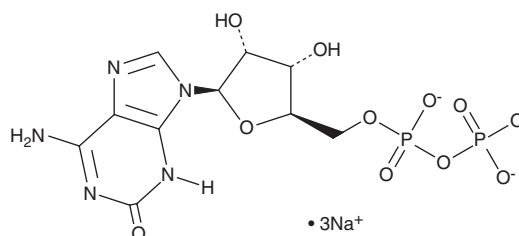
**FW:** 509.1

**Purity:** ≥95%

**Supplied as:** A solution in water

**Storage:** -80°C

**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Description

Isoguanosine-5'-O-diphosphate (isoGDP) is an isomer of GDP (Item No. 31704) and a phosphorylated form of crotonoside (Item No. 28219). isoGDP is an inhibitor of mitochondrial ATPase (IC<sub>50</sub> = 3 μM).<sup>1</sup>

### Reference

1. Harris, D.A., Gomez-Fernandez, J.C., Klungsøyr, L., *et al.* Specificity of nucleotide binding and coupled reactions utilising the mitochondrial ATPase. *Biochim. Biophys. Acta* **504(3)**, 364-383 (1978).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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