

## Guanosine-3',5'-cyclic Monophosphate, 8-(2-Aminophenylthio)-Sodium Salt

Cat. No. COEC-106

Lot. No. (See product label)

### Introduction

**Description** Guanosine-3',5'-cyclic Monophosphate, 8-(2-Aminophenylthio)-Sodium Salt is an isozyme-selective activator of cGKI  $\alpha$  (cGMP-dependent protein kinase 1 $\alpha$ ) that shows about 200-fold selectivity for the activation of PKG 1 $\alpha$  (cGKI $\alpha$ ) over PKG 1 $\beta$  (cGKI $\beta$ ).

**Applications** A selective activator of cGMP-dependent PK-1a

### Product Information

**Appearance** Lyophilized

**Form** Solid

**CAS No.** 144509-87-5

**Molecular Formula** C<sub>16</sub>H<sub>16</sub>N<sub>6</sub>O<sub>7</sub>PS Na

**Molecular Weight** 490.4

**Purity**  $\geq 98\%$

**Solubility** Soluble in water (1 mg/ml).

**Refractive Index** 1.53 (lit.)

**Density** 0.98 g/mL at 25 °C (lit.)