

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 α (cGMP-dependent protein kinase 1 α) that shows about 200-fold selectivity for the activation of PKG 1 α (cGKI α) over PKG 1 β (cGKI β).

Applications

A selective activator of cGMP-dependent PK-1a

Product Information

Appearance

Lyophilized

Form

Solid

CAS No.

144509-87-5

Molecular Formula

C₁₆H₁₆N₆O₇PS Na

Molecular Weight

490.4

Purity

≥98%

Solubility

Soluble in water (1 mg/ml).

Refractive Index

1.53 (lit.)

Density

0.98 g/mL at 25 °C (lit.)