

## STO-609

Cat. No. CEI-0974

Lot. No. (See product label)

### Introduction

#### Description

Selective inhibitor of Ca<sup>2+</sup>-calmodulin-dependent protein kinase kinase ( $K_i$  = 80 and 15 ng/ml for inhibition of CaM-KK $\alpha$  and CaM-KK $\beta$  respectively). Binds to the ATP-binding site. Displays >80-fold selectivity over CaMK1, CaMK2, CaMK4, MLCK, PKC, PKA and p42 MAPK. Cell permeable.

#### Synonyms

7-oxo-7H-benzimidazo[2,1-a]benz[de]isoquinoline-3-carboxylic acid acetate

### Product Information

#### Appearance

Yellow powder

#### CAS No.

52029-86-4

#### Molecular Formula

C<sub>19</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub> • CH<sub>3</sub>COOH

#### Molecular Weight

314.3

#### Purity

98% (TLC); NMR (Conforms)

#### Targets

CAMKK

#### Solubility

May be dissolved in: DMSO (10 mg/ml)