

STO-609

Cat. No. CEI-0974

Lot. No. (See product label)

Introduction

Description Selective inhibitor of Ca²⁺-calmodulin-dependent protein kinase kinase (K_i = 80 and 15 ng/ml for inhibition of CaM-KK α and CaM-KK β 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 C₁₉H₁₀N₂O₃ • CH₃COOH

Molecular Weight 314.3

Purity 98% (TLC); NMR (Conforms)

Targets CAMKK

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