Creative Enzymes®

STO-609

Cat. No. CEI-0974

Lot. No. (See product label)

Introduction

Description	Selective inhibitor of Ca2+-calmodulin-dependent protein kinase kinase (Ki = 80 and 15 ng/ml for inhibition of CaM-KKalpha and CaM-KKbeta 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)