STO-609

CaM kinase kinase inhibitor

STO-609 is a specific CaM kinase kinase (CaM-KK) inhibitor. Ki=0.2μM and 0.04μM for α and β isotypes respectively. Demonstrates >80-fold selectivity for CAM-KK over CaMK1, CaMK2, CaMK4, MLCK, PKA, PKC, and p42 MAPK. Concentrations up to 10μg/ml do not affect cellular viability. It is a tool for exploring the role of the CaM-KK pathway in various physiological processes.

Citations: 4 View Online »

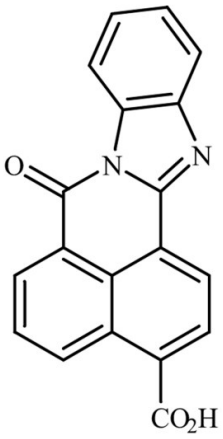
Ordering Information

Order Online »

BML-EI389-0005	5mg
BML-EI389-0025	25mg

Manuals, SDS & CofA

View Online »



·$C_2H_4O_2$

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at room temperature. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	7-Oxo-7H-benzimidazo[2,1-a]benz[de]isoquinoline-3-carboxylic acid, acetate salt
Appearance	Yellow solid.
CAS	1173022-21-3
Couple Target	CaM-KK
Couple Type	Inhibitor
Formula	$C_{19}H_{10}N_2O_3 \cdot C_2H_4O_2$
MW	374.3
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (10mg/ml).

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