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Product Datasheet

STO-609, CAS [[52029-86-4]] FBM-10-1036

Article Name	STO-609, CAS [[52029-86-4]]
Biozol Catalog Number	FBM-10-1036
Supplier Catalog Number	10-1036
Alternative Catalog Number	FBM-10-1036-5MG, FBM-10-1036-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CAMKK inhibitor...
Molecular Weight	314.30 60.05
Purity	98% by TLC NMR conforms
Form	Yellow solid
CAS Number	[52029-86-4]
Formula	C ₁₉ H ₁₀ N ₂ O ₃ CH ₃ COOH
Application Notes	Selective inhibitor of Ca ²⁺ -calmodulin-dependent protein kinase kinase (K _i = 80 and 15 ng/ml for inhibition of CaM-KK α and CaM-KK β respectively).1 Binds to the ATP-binding site.2 Displays > 80-fold selectivity over CaMK1, CaMK2, CaMK4, MLCK, PKC, PKA and p42 MAPK. Important tool for probing distinct CaMK pathways in LTP.3 Reduces starvation-induced autophagosomal membrane formation.4 Reverses age-associated decline in bone mass.5 Stimulates osteoblast formation, inhibits osteoclast differentiation.6