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Product Datasheet

KT-5823, CAS [[126643-37-6]] FBM-10-2083

Article Name	KT-5823, CAS [[126643-37-6]]
Biozol Catalog Number	FBM-10-2083
Supplier Catalog Number	10-2083
Alternative Catalog Number	FBM-10-2083-100UG, FBM-10-2083-500UG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PKG inhibitor...
Molecular Weight	495.53
Purity	98% by TLC, NMR (Conforms)
Form	White or off white solid
CAS Number	[126643-37-6]
Formula	C29H25N3O5
Application Notes	Selective protein kinase G inhibitor ($K_i = 0.23, 4$ and $>10 \mu\text{M}$ for PKG, PKC and PKA respectively ¹ . Arrests human skin fibroblast cell cycle after the G0/G1 boundary ² . Abolishes the cGMP-induced relaxation in smooth muscle cells ($\text{IC}_{50}=60 \text{ nM}$) ³ . Cell permeable.