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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 ($IC_{50}=60 \text{ nM}$) 3. Cell permeable.