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Product Datasheet

8-pCPT-2-O-Me-cAMP-AM, CAS [[1152197-23-3]] FBM-10-2736

Article Name	8-pCPT-2-O-Me-cAMP-AM, CAS [[1152197-23-3]]
Biozol Catalog Number	FBM-10-2736
Supplier Catalog Number	10-2736
Alternative Catalog Number	FBM-10-2736-100UG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Epac activator...
Molecular Weight	557.91
Purity	97% by HPLC
Form	solid
CAS Number	[1152197-23-3]
Formula	C20H21ClN5O8PS
Application Notes	A potent, cell-permeable Epac (exchange protein directly activated by cAMP) activator ¹ . Induces RAP1 activation and insulin secretion in pancreatic beta cell lines ²⁻⁵ . Induces vascular relaxation in rat mesenteric artery ⁶ . The acetoxymethyl ester confers increased cell-permeability and is cleaved by endogenous esterases to yield the active compound, 8-pCPT-2-O-Me-cAMP. Addition to cell cultures should be done in serum-free media as esterases in serum will cleave the acetoxymethyl ester and reduce cell permeability.