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Product Datasheet

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

Artikelname	8-pCPT-2-O-Me-cAMP-AM, CAS [[1152197-23-3]]
Artikelnummer	FBM-10-2736
Hersteller Artikelnummer	10-2736
Alternativnummer	FBM-10-2736-100UG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Epac activator...
Molekulargewicht	557.91
Reinheit	97% by HPLC
Formulierung	solid
CAS Nummer	[1152197-23-3]
Formel	C20H21CIN5O8PS
Anwendungsbeschreibung	A potent, cell-permeable Epac (exchange protein directly activated by cAMP) activator¹. Induces RAP1 activation and insulin secretion in pancreatic beta cell lines²⁻⁵. Induces vascular relaxation in rat mesenteric artery⁶. 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.