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Product Datasheet

FAAzo4 FBM-10-4942

Article Name	FAAzo4
Biozol Catalog Number	FBM-10-4942
Supplier Catalog Number	10-4942
Alternative Catalog Number	FBM-10-4942-5MG,FBM-10-4942-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Photoswitchable fatty acid...
Molecular Weight	324.42
Purity	>98% by HPLC NMR (conforms)
Form	Yellow / orange solid
CAS Number	[1882060-21-0]
Formula	C20H24N2O2
Application Notes	FAAzo4 is a photoswitchable fatty acid that cells rapidly incorporate into membrane phosphatidylcholine (PC) and phosphatidylethanolamine(PE) residues, mainly in the endoplasmic reticulum (ER). These photoswitchable membrane fatty acids allow for photoisomerization (trans-cis) leading to changes in membrane viscosity. FAAzo4-treated cells displayed altered ER export for the proteins m-Cherry-TNFalpha and EGFP-GPI. An interesting new method for manipulating membrane biophysical properties in living cells.