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Product Datasheet

2-NBDG, CAS [[186689-07-6]] FBM-10-1459

Article Name	2-NBDG, CAS [[186689-07-6]]
Biozol Catalog Number	FBM-10-1459
Supplier Catalog Number	10-1459
Alternative Catalog Number	FBM-10-1459-1MG,FBM-10-1459-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Glucose uptake probe...
Molecular Weight	342.27
Purity	98% by TLC, NMR (Conforms)
Form	Purple solid
CAS Number	[186689-07-6]
Formula	C ₁₂ H ₁₄ N ₄ O ₈
Application Notes	Fluorescent glucose uptake probe. May be used to monitor glucose uptake in live cells and as a cell viability indicator ^{1,2} . Has been used to measure glucose uptake in cultured hippocampal astrocytes using confocal epifluorescence microscopy ³ . NBD fluorescence typically displays excitation/emission maxima of 465/540 nm. Cell permeable.