

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### 2-NBDG FBM-10-1459

Article Name	2-NBDG
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 <sub>12</sub> H <sub>14</sub> N <sub>4</sub> O <sub>8</sub>
Application Notes	Fluorescent glucose uptake probe. May be used to monitor glucose uptake in live cells and as a cell viability indicator <sup>1,2</sup> . Has been used to measure glucose uptake in cultured hippocampal astrocytes using confocal epifluorescence microscopy <sup>3</sup> . NBD fluorescence typically displays excitation/emission maxima of 465/540 nm. Cell permeable.