

Product Name	: 2-NBDG
Synonyms	: —
Cat No.	: M22432
CAS Number	: 186689-07-6
Molecular Formula	: C ₁₂ H ₁₄ N ₄ O ₈
Formula Weight	: 342.26
Chemical Name	: —
Description	: 2-NBDG is a fluorescent indicator for direct glucose uptake measurement. It is an indicator of cell viability.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: H ₂ O:5 mg/mL (14.61 mM; ultrasonic and warming and heat to 60°C)
SMILES	: <chem>OC[C@@H](O)[C@@H](O)[C@H](O)[C@@H](Nc1ccc([N+](O)=O)c2nnc12)C=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zou C, et al. 2-NBDG as a fluorescent indicator for direct glucose uptake measurement. J Biochem Biophys Methods. 2005 Sep 30;64(3):207-15.