

Cy5 mCherry mRNA (N1-Me-Pseudo UTP)

Catalog No. CT119-Cy5

Overview

Cy5 mCherry mRNA (N1-Me-Pseudo UTP) emits bright far-red fluorescence upon excitation at 651 nm and can express the red fluorescent protein mCherry in cells, organoids, or in vivo. The fluorescence of Cy5 can be used for tracking and localization of mRNA, while the fluorescence of the mCherry protein serves as an indicator for verifying mRNA translation and expression. This product can be used for screening lipid nanoparticle formulations or other delivery systems.

Composition

Specification	CT119-Cy5-100	CT119-Cy5-500	CT119-Cy5-1000
Cy5 mCherry mRNA (N1-Me-Pseudo UTP)	100 µg	500 µg	1 mg

Information

Product Name	Cy5 mCherry mRNA (N1-Me-Pseudo UTP)
mRNA Length	974 nt
Concentration	1 mg/mL
Storage buffer	MilliQ water
Storage Temperature	-80°C to -65°C
Shipping Conditions	Shipped on dry ice

Applications

1. Analytical method development
2. Formulation screening
3. Verification of expression systems

Notes

This product is for research use only. It is not intended for use in human or veterinary diagnosis or therapy.

