





Cy5

Cat #: BMD0051

Size: 5 mg/50 mg

	Cy5		
	Cat #: BMD0051		Lot #: Refer to product label
	Application range: Sample control or instrument calibration		
	Excitation/Emission wavelengths: Ex/Em=646/662 nm		
	Storage: Stored at -20°C for 12 months, protected from light		

Assay Principle

Cy5 has the molecular formula $C_{33}H_{39}KN_2O_8S_2$, molecular weight 694.9 and CAS number 1144107-82-3. It is a deep red solid soluble in water, DMSO or DMF.

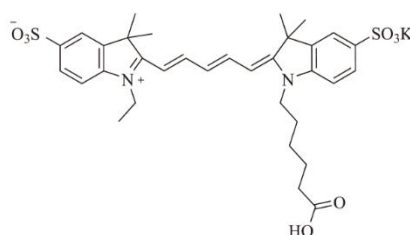


Figure 1. Molecular diagram

Materials Supplied and Storage Conditions

Kit components	Size		Storage conditions
Cy5	5 mg	50 mg	-20°C, protected from light

Precautions

1. Please immediately centrifugal the product to the bottom of the tube before use, and then conduct the subsequent experiments.
2. Fluorescent dyes all have quenching problems, please try to avoid light to slow down the quenching.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.