



## Product Information

### CY3 reagent, Dextran-PEG-cyanine3, 550 Da, Purity $\geq 98\%$

**Cat. No.:** X25-04-YM790

**Size:** 100 mg; 250 mg; 500 mg; 1 g; 5 g

**Synonym:** CY3-PEG-dextran

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	The 550 Da PEG-spaced dextran-PEG-CY3 (CY3-PEG-dextran) merges dextran's solubility with CY3's visible-range fluorescence.
<b>Molecular Weight</b>	PEG: 550 Da
<b>Glycan Name</b>	Dextran
<b>Functional Group</b>	CY3
<b>Form</b>	Solid or viscous liquid
<b>Purity</b>	$\geq 98\%$
<b>Impurities</b>	No visible impurities to the naked eye.
<b>Solubility</b>	This product is soluble in most organic solvents, such as DCM, DMF, DMSO, and THF, and exhibits excellent solubility in water.
<b>Stability</b>	It is stable under its storage temperature.
<b>Quality Level</b>	Research level
<b>Applications</b>	Dextran-PEG-cyanine3 can be used to study blood-brain barrier traversal mechanisms using nanoparticle conjugates.
<b>Storage</b>	Store at $-20^{\circ}\text{C}$ , protect from light and moisture.