

## Product Information

### CY7.5 reagent, Dextran-PEG-cyanine7.5, 1 kDa, Purity $\geq$ 98%

**Cat. No.:** X25-04-YM732

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

**Synonym:** CY7.5-PEG-dextran

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

#### Product Information

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|-------------------------|--|
| <b>Description</b>      | A 1 kDa PEG linker in CY7.5-PEG-dextran (dextran-PEG-CY7.5) facilitates dual-modality tracking and biocompatible delivery.     |
| <b>Molecular Weight</b> | PEG: 1 kDa   |
| <b>Glycan Name</b>      | Dextran  |
| <b>Functional Group</b> | CY7.5  |
| <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-cyanine7.5 can be used to characterize photodynamic therapy efficacy through singlet oxygen quantification assays. |
| <b>Storage</b>          | Store at -20°C, protect from light and moisture.   |