

## Product Information

### Cy5 agent, Xanthan-Cyanine5, Purity $\geq 95\%$

**Cat. No.:** X25-05-YM2536

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

**Synonym:** Cyanine5-xanthan; Xanthan-Cyanine5

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

#### Product Information

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|-------------------------|--|
| <b>Description</b>      | The near-infrared fluorescent conjugate xanthan-Cyanine5 (Cyanine5-xanthan) contains Cy5 groups covalently attached to xanthan for bioimaging. |
| <b>Glycan Name</b>      | Xanthan  |
| <b>Source</b>           | Chemical synthesis   |
| <b>Functional Group</b> | Cy5  |
| <b>Form</b>             | Solid or powder  |
| <b>Purity</b>           | $\geq 95\%$  |
| <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>Identity</b>         | Confirmed by NMR.  |
| <b>Stability</b>        | It is stable under its storage temperature.  |
| <b>Quality Level</b>    | Research level   |
| <b>Applications</b>     | Xanthan-Cyanine5 supports far-red fluorescent labeling for multi-channel imaging in cellular trafficking studies.                              |
| <b>Storage</b>          | Store at $-20^{\circ}\text{C}$ , protect from light and moisture.  |