

**CF-MU [6-Chloro-8-fluoro-umbelliferone]****\*Fluorescence reference standard\***

Catalog number: 42

Unit size: 100 mg

**Product Details**

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Storage Conditions Freeze (&lt;math&gt;-15\text{ }^{\circ}\text{C}&lt;/math&gt;), Minimize light exposure

Expiration Date 24 months upon receiving

**Chemical Properties**

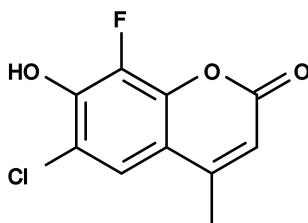
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Appearance Light yellow solid

Molecular Weight 228.6

Soluble In DMSO

Chemical Structure

**Spectral Properties**

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Excitation Wavelength 356 nm

Emission Wavelength 456 nm

**Applications**

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This compound is used as a calibration standard for CF-MU-based enzyme substrates. It has pH-dependent fluorescence. Compared to umbelliferone, this dye has much lower pKa, making it more fluorescent than umbelliferone under physiological conditions.