

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

Catalog number: 42

Unit size: 100 mg

Product Details

Storage Conditions Freeze (<-15 °C), Minimize light exposure

Expiration Date 24 months upon receiving

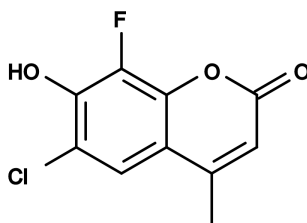
Chemical Properties

Appearance Light yellow solid

Molecular Weight 228.6

Soluble In DMSO

Chemical Structure

**Spectral Properties**

Excitation Wavelength 356 nm

Emission Wavelength 456 nm

Applications

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.