

## Product Information Sheet

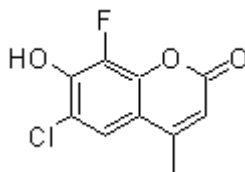
### Ordering Information

Product Number: 42  
Product Name: CF-MU [6-Chloro-8-fluoro-umbelliferone]  
Unit Size: 100 mg  
Storage Conditions: <-15 °C and kept from light and moisture  
Expiration Date: 12 months upon receiving

### Chemical and Spectral Properties

Molecular Weight: 228.6

Chemical Structure:



Soluble in: DMSO

Excitation Wavelength: 362 nm

Emission Wavelength: 452 nm

### Application Notes

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.