

Product Information Sheet

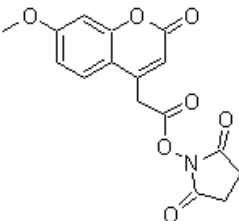
Ordering Information

Product Number: 558
Product Name: MCA succinimidyl ester
Unit Size: 25 mg
Storage Conditions: <-15 °C and kept from light and moisture
Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: 331.28

Chemical Structure:



Soluble in: DMSO
Excitation Wavelength: 322 nm
Emission Wavelength: 390 nm

Application Notes

7-Methoxycoumarin-4-acetic acid (MCA) is widely used for developing FRET peptide substrates for analyzing protease activities. It is commonly paired with dinitrophenyl (DNP) group. It is also used for HPLC derivatization by fluorescence detection. MCA succinimidyl ester selectively reacts with aliphatic amines.