

Pro-AMC

Catalog number: 13457

Unit size: 5 mg

Product Details

Storage Conditions Freeze (<math>-15\text{ }^{\circ}\text{C}</math>), Minimize light exposure

Expiration Date 12 months upon receiving

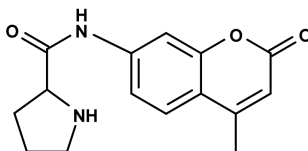
Chemical Properties

Appearance Off white solid

Molecular Weight 272.30

Soluble In DMSO

Chemical Structure

**Spectral Properties**

Excitation Wavelength 341 nm

Emission Wavelength 441 nm

Applications

Pro-AMC is a sensitive fluorogenic protease substrate. The non-fluorescent substrate generates a bright blue fluorescent AMC product that has that has an emission spectra that can be easily detected with the DAPI filter set. It has been used for monitoring the protease activity of tricorn protease (TRI), a high molecular mass complex from the archaeon *T. acidophilum*.