

Lot # XXXXX

## MATERIAL DATA SHEET

### AMC Standard

#### Cat. # B-200

A fluorogenic standard useful for quantitating assays monitoring amido-4-methylcoumarin (AMC) release. These include Ubiquitin-AMC (**U-550**), SUMO1-AMC (**UL-551**), NEDD8-AMC (**UL-552**), ISG15-AMC (**UL-553**) and proteasome substrates such as **S-220**, **S-230**, **S-260**, **S-280**, **S-300**, **S-310**, **S-320** and **S-330**. The concentration of the AMC released can be calculated from a standard curve prepared with AMC standards.

#### Product Information

**Stock:** 100 µl of 50 µM in DMSO

#### Use & Storage

**Use:** Serial dilute in reaction buffer to form a standard curve within the range of sensitivity for specific plate reader. We recommend a 500 nM starting concentration for the AMC dilution series when using excitation and emission wavelengths of 345 nm and 445 nm, respectively.

**Storage:** Store at -20°C. Avoid multiple freeze/thaw cycles.

*For Laboratory Research Use Only, Not For Use in Humans*

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