

Lot #XXXXX

BostonBiochem

## MATERIAL DATA SHEET

### AFC Standard

#### Cat. # B-210

A fluorogenic standard useful for quantitating assays monitoring 7-amino-4-trifluoromethylcoumarin (AFC) release such as those utilizing ubiquitin-AFC (U-551). The concentration of the AFC released can be calculated from a standard curve prepared with AFC standards.

#### Product Information

**Stock:** 100µl of 50µM AFC in DMSO

#### Use & Storage

**Use:** Serial dilute in reaction buffer to form a standard curve within the range of sensitivity for specific plate reader.

Recommend dilution series starting at 500nM AFC

The excitation and emission wavelengths of AFC are A<sub>400nm</sub> and A<sub>505nm</sub> respectively.

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

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