

Best Prices for the Most Trusted DUB Substrates

- The most fully characterized substrates available
- The most cited source of DUB substrates in academic research
- Bulk quantities are available with discounted pricing

Description:	Catalog No.	Size	Price
Ubiquitin-AMC	U-550	50 µg	\$200
Ubiquitin-AFC	U-551	50 µg	\$150
Ubiquitin Rhodamine110	U-555	50 µg	\$250

Ub-R110 is the Most Sensitive DUB Substrate Available

- Higher sensitivity
- Better signal:background and signal:noise ratios
- Long wavelength emission for less compound interference
- Superior Z' values for HTS and other demanding applications

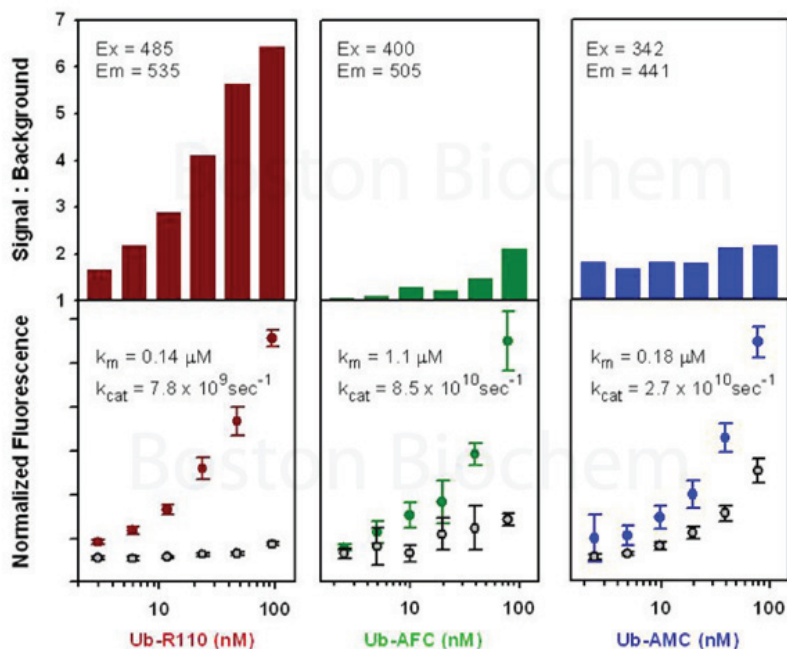


Fig. 1 Comparison of DUB Substrates The indicated concentration of each substrate was incubated for 1 hr at room temp with 2 pM UCHL3, and fluorescence was measured on an M5 platereader (Molecular Devices). Grey circles represent background fluorescence in the absence of enzyme. Circles and error bars represent the average and standard deviation, n = 4. Using progress curves from reactions using up to 5 µM substrate, kinetic constants were calculated by fitting the Michaelis-Menten equation to plots of steady-state velocity vs. substrate concentration.

* Adapted from Analysis of Deubiquitinating Enzymes Using Ubiquitin-Based Substrates and Inhibitors