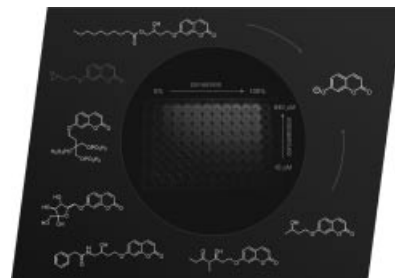


COVER PICTURE

The cover picture shows blue-fluorescent enzyme assays. The intense blue fluorescence of umbelliferone is readily detected under UV illumination (356 nm) when this fluorescent product is released from non-fluorescent ether precursors. This fluorescent signal is the key to a number of high-throughput enzyme assays, usually in a 96-well microtiter-plate format as shown. Fluorescence enzyme assays involving epoxide opening reactions with nucleophiles are discussed in the article by J.-L. Reymond et al. on page 2557ff.



MICROREVIEWS

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Keywords: Bismuth triflate / Catalysis / Organic synthesis

