

ADAM17 fluorometric drug discovery Kit

Cat. No. Kit-0048 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Size	96 wells
Description	The ADAM17 Fluorometric (also known as fluorimetric) Drug Discovery Kit is a complete assay system designed to screen ADAM17 (TACE) inhibitors using a quenched fluorogenic peptide: Mca-PLAQAV-Dpa-RSSSR-NH₂. Mca fluorescence is quenched by the Dpa group until cleavage by proteases separates the two moieties. The assays are performed in a convenient 96-well microplate format. The kit is useful to screen inhibitors of ADAM17, a potential therapeutic target. The compound GM6001 is also included as a prototypic control inhibitor.
Applications	Designed to screen ADAM17 (TACE) inhibitors using a quenched fluorogenic peptide.
Storage	-80°C
Kit Components	1 vial ADAM17 enzyme1 vial Substrate (Mca-PLAQAV-Dpa-RSSSR-NH ₂)1 vial DMSO1 vial CALIBRATION STANDARD1 vial control inhibitor1 bottle (20 ml) assay buffer1 black 96-well microplate

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