CREATIVE BIOMART®
Assay Kit

ADAM17 fluorometric drug discovery Kit

Product Information

Cat.No.	Kit-0048

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-NH2)1 vial DMSO1 vial CALIBRATION STANDARD1 vial control inhibitor1 bottle (20 ml) assay buffer1 black 96-well microplate

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