

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 enzyme 1 vial Substrate (Mca-PLAQAV-Dpa-RSSSR-NH₂) 1 vial DMSO 1 vial CALIBRATION STANDARD 1 vial control inhibitor 1 bottle (20 ml) assay buffer 1 black 96-well microplate