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(54) Title: SPECIFIC PROTEASE INHIBITORS AND THEIR USE IN CANCER THERAPY

(57) Abstract: The present invention relates to a pharmaceutical composition comprising at least one inhibitor of EpCAM cleavage and at least one anti-EpCAM antibody, the use of least one inhibitor of EpCAM cleavage and at least one anti-EpCAM antibody for the manufacture of a medicament for the treatment and/or prevention of cancer, an in vitro method of inhibiting cancer by inhibiting cleavage of EpCAM, the use of a TACE inhibitor and/or a presenilin-2 inhibitor for inhibiting EpCAM cleavage, and a method of identifying a compound useful as an anti-cancer agent.