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(54) Title: COMBINATIONS OF AN ANTI-HER2 ANTIBODY-DRUG CONJUGATE AND CHEMOTHERAPEUTIC AGENTS, AND METHODS OF USE

(57) Abstract: Combinations of the antibody-drug conjugate trastuzumab-MCC-DM1 and chemotherapeutic agents, including stereoisomers, geometric isomers, tautomers, solvates, metabolites and pharmaceutically acceptable salts thereof, are useful for inhibiting tumor cell growth, and for treating disorders such as cancer mediated by HER2 and KDR (VEGFR receptor 1). Methods of using such combinations for *in vitro, in situ*, and *in vivo* diagnosis, prevention or treatment of such disorders in mammalian cells, or associated pathological conditions, are disclosed.