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Anti-Myeloma Monoclonal Antibody-DM4 Immunoconjugate BT-062

National Cancer Institute

Source

National Cancer Institute. *Anti-Myeloma Monoclonal Antibody-DM4 Immunoconjugate BT-062*. NCI Thesaurus. Code C78840.

An immunoconjugate consisting of a monoclonal antibody directed against a highly-expressed myeloma cell surface antigen covalently attached to the maytansinoid DM4, a derivative of the cytotoxic agent maytansine (DM1), with potential antineoplastic activity. Anti-myeloma cell surface antigen immunoconjugate BT-062 binds to an unspecified cell surface antigen highly expressed on myeloma cells; upon internalization the DM4 moiety is released, binding to tubulin and disrupting microtubule assembly/disassembly dynamics, which may result in the inhibition of cell division and cell growth of myeloma tumor cells.