ABSTRACT

METHYLENE CARBAMATE LINKERS FOR USE WITH TARGETED-DRUG CONJUGATES

The present invention provides Ligand-Drug Conjugates and Drug-Linker Compounds comprising a methylene carbamate unit. The invention provides inter alia, Ligand-Drug Conjugates, wherein the Ligand-Drug Conjugate is comprised of a Self-immolative Assembly Unit having a methylene carbamate unit for conjugation of a drug to a targeting ligand, methods of preparing and using them, and intermediates thereof. The Ligand-Drug Conjugates of the present invention are stable in circulation, yet capable of inflicting cell death once free drug is released from a Conjugate in the vicinity or within tumor cells.

(Fig. 3)