Title (en)

HOMING PRO-APOPTOTIC CONJUGATES AND METHODS OF USING SAME

Title (de)

ZIELANSTEUERNDE PRO-APOPTOTISCHE KONJUGATE UND METHODEN ZU DEREN VERWENDUNG

Title (fr)

CONJUGUES PRO-APOPTOTIQUES DE DOMICILIATION ET LEURS METHODES D'UTILISATION

Publication

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Application

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Abstract (en)

[origin: WO0042973A2] The present invention provides a homing pro-apoptotic conjugate, which includes a tumor homing molecule that selectively homes to a selected mammalian cell type or tissue linked to an antimicrobial peptide, where the conjugate is selectively internalized by the mammalian cell type or tissue and exhibits high toxicity thereto, and where the antimicrobial peptide has low mammalian cell toxicity when not linked to the tumor homing molecule. A homing pro-apoptotic conjugate of the invention can be, for example, CNGRC-GG-D(KLAKLAK)2 or ACDCRGDCFC-GG-D(KLAKLAK)2. The conjugates of the invention are useful, for example, for treating a patient with a tumor having angiogenic vasculature.

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