

Title (en)
UTILIZATION OF AT LEAST ONE AMINOPEPTIDASE INHIBITOR

Title (de)
VERWENDUNG MINDESTENS EINES AMINOPEPTIDASEN-INHIBITORS

Title (fr)
UTILISATION D'AU MOINS UN INHIBITEUR D'AMINOPEPTIDASE

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Application
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Abstract (en)
[origin: WO0154707A2] The invention concerns the utilization of at least one aminopeptidase inhibitor for the production of a medicament used in the treatment of tumor diseases and/or immune diseases, whereby the at least one aminopeptidase inhibitor causes blocking of polarization of invasive human or animal tumor and/or immune cells by modifying at least one surface protein CD13 as member of a protein network on the surface of the tumor and/or immune cell, whereby the protein network comprises up to 30 surface proteins from a defined group. The invention also concerns a pharmaceutical preparation and a method for identifying at least one additional inhibitor acting in combination with the at least one aminopeptidase inhibitor.

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Citation (search report)
See references of WO 0154707A2

Citation (examination)
• WO 9844923 A1 19981015 - SLOAN KETTERING INST CANCER [US], et al
• EP 0167936 A2 19860115 - MICROBIAL CHEM RES FOUND [JP]
• YAMAZAKI ET AL: "Effect of ubenimex on the immune system of patients with hematologic malignancies", BIOMEDICINE & PHARMACOTHERAPY, vol. 45, no. 2-3, 1991, pages 105 - 112, XP000999659
• KAGECHIKA ET AL: "Potent homophthalimide-type inhibitors of B16F10/L5 mouse melanoma cell invasion", BIOLOGICAL PHARMACEUTICAL BULLETIN, vol. 22, no. 9, 1999, pages 1010 - 1012, XP000986267
• LENDECKEL ET AL: "Inhibition of alanyl aminopeptidase induces MAP-kinase p42/ERK42 in the human T cell line KARPAS 299", BIOCHEMICAL BIOPHYSICAL RESEARCH, vol. 252, no. 1, 1998, pages 5 - 9, XP000999102

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