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(54) Title: IMMUNOGLOBULIN FUSION PROTEINS AND USES THEREOF

Fig. 1A

Biologically active molecule Hinge C_H2 + C_H3

(57) Abstract: A fusion protein is disclosed. The fusion protein of the invention comprises an Fc fragment of an immunoglobulin G and a bioactive molecule, wherein the Fc is a single chain Fc. The amino acids in the hinge of the Fc is mutated, substituted, or deleted so that the hinge of Fc cannot form disulfide bonds. Methods for producing and using the fusion protein of the invention are also provided.

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