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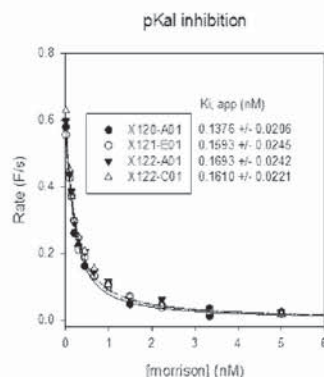
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(54) Title: BISPECIFIC ANTIBODIES AGAINST PLASMA KALLIKREIN AND FACTOR XII

FIG. 1



X120-A01 (scFv = 559C-M184-B04 H4L)
X121-E01 (scFv = 559C-M180-G03 H4L)
X122-A01 (scFv = 559C-M71-F06 H4L)
X122-C01 (scFv = 559C-M71-F06 L4H)

(57) Abstract: Described herein are bispecific antibodies that bind to plasma kallikrein (pKai) and Factor XII and methods of producing and using such bi-specific antibodies for treating diseases or disorders associated with the contact system, e.g., hereditary angioedema or thrombosis. One aspect of the present disclosure is a bispecific antibody, comprising: a first polypeptide that comprises a light chain of a first antibody, the light chain comprising a light chain variable region (VL) and a light chain constant region (CL) (e.g., a kappa light chain or a lambda light chain); and a second polypeptide that comprises a heavy chain of the first antibody, the heavy chain comprising a heavy chain variable region (VH) and a heavy chain constant region (CH).