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ABSTRACT

PHENOL DERIVATIVES AND THEIR USE AS ROTAMASE INHIBITORS

The present invention is related to a compound of the formula (I), (II), (III), (IV), (V): wherein Z_1 , Z_2 , Z_3 and Z_4 are each and independently selected from the group comprising $C(O)-$, $-C(S)-$, $-C(O)-NR_{10}-$, $-C(S)-NR_{11}-$, $-C(N-CN)-NR_{12}-$, $-S(O)-$, $-S(O_2)-$, $-S(O)-NR_{13}-$, and $S(O_2)-NR_{14}-$, $-O-$, $-S-$ or are each and individually absent; X is a spacer and is independently selected from the group comprising $-M1-L1-K-L2-M2-$, wherein Y is selected from the group comprising alkyl, substituted alkyl, straight alkyl, substituted straight alkyl, branched alkyl, substituted branched alkyl, straight alkenyl, substituted straight alkenyl, branched alkenyl, substituted branched alkenyl, straight alkynyl, substituted straight alkynyl, branched alkynyl, substituted branched alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl, substituted cycloalkenyl, heterocyclyl, substituted heterocyclyl, mono-unsaturated heterocyclyl, poly-unsaturated heterocyclyl, mono-substituted poly-unsaturated heterocyclyl, poly-substituted poly-unsaturated heterocyclyl, mono-substituted mono-unsaturated heterocyclyl, poly-substituted mono-unsaturated heterocyclyl, aryl, substituted aryl, heteroaryl and substituted heteroaryl, wherein Y is different from a peptide or is absent.

