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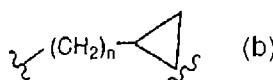
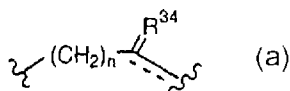
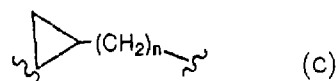
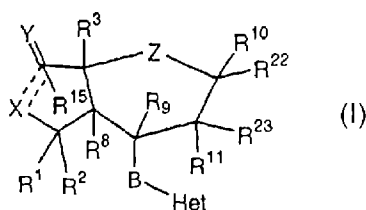
as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iv)) for all designations

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Title: **THROMBIN RECEPTOR ANTAGONISTS**



(57) **Abstract:** Heterocyclic-substituted compounds of formula (I) for a pharmaceutically acceptable salt thereof, are disclosed, wherein Z is $-(CH_2)_n-$ (a), (b) wherein R¹⁰ is absent, or (c) wherein R³ is absent, the single dotted line represents an optional double bond, the double dotted line represents an optional single bond, n is 0-2, Het is an optionally substituted mono-, bi- or tri-cyclic heteroaromatic group, B is $-(CH_2)_n-$ wherein n is 0-5, $-CH_2-O-$, $-CH_2-S-$, $-CH_2-NR^6-$, $-C(O)NR^6-$, $-NR^6C(O)-$, (d) optionally substituted alkenyl or optionally substituted alkynyl, X is $-O-$ or $-NR^6-$ when the double dotted line represents a single bond, or X is H, $-OH$ or $-NHR^{20}$ when the bond is absent, Y is $=O$, $=S$ (II, H), (II, OH) or (II, C₁-C₆ alkoxy) when the double dotted line represents a single bond, or when the bond is absent Y is $=O$, $=NOR^{17}$, (II, H), (II, OH), (II, SH), (II, C₁-C₆ alkoxy) or (II, substituted-amino), R²² and R²³ are independently $-OH$, $-OC(O)R^{30}$, $OC(O)NR^{30}R^{31}$ or optionally substituted alkyl, alkenyl, alkynyl, heterocycloalkyl, aryl, cycloalkyl, cycloalkenyl, carbonyl, amino, alkoxy, alkenyloxy, alkynyloxy, heterocycloalkyloxy, cycloalkyloxy, or cycloalkenyloxy, or R²² and R¹⁰, or R²³ and R¹¹, can form a carbocyclic or heterocyclic ring and the remaining variables are as described in the specification. Also disclosed are pharmaceutical compositions containing said compounds and their use as thrombin receptor antagonists and binders to cannabinoid receptors