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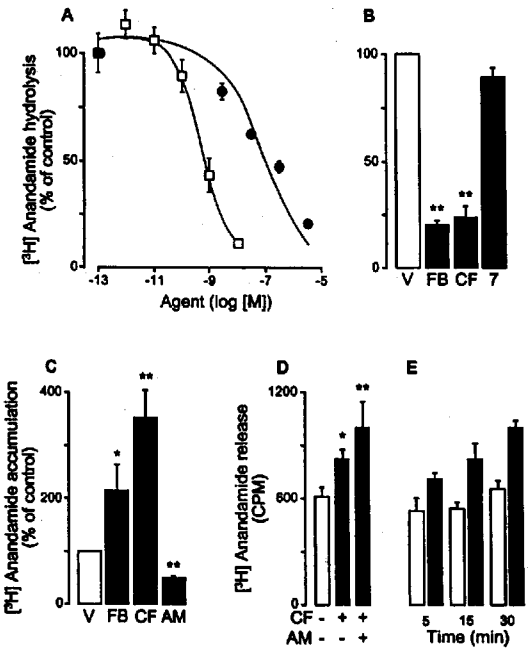
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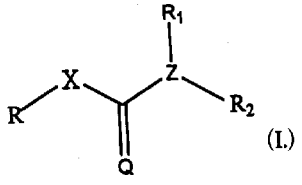
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[Continued on next page]

(54) Title: MODULATION OF ANXIETY THROUGH BLOCKADE OF ANANDAMIDE HYDROLYSIS





(57) Abstract: Fatty acid amide hydrolase inhibitors of the Formula (I) are provided, wherein X is NH, CH_2, O, or S; Q is O or S; Z is O or N; R is an aromatic moiety selected from the group consisting of substituted or unsubstituted aryl; substituted or unsubstituted biphenylyl, substituted or unsubstituted naphthyl, and substituted or unsubstituted phenyl; substituted or unsubstituted terphenylyl; substituted or unsubstituted cycloalkyl, heteroaryl, or alkyl; and R_1 and R_2 are independently selected from the group consisting of H, substituted or unsubstituted alkyl, substituted or unsubstituted heteroalkyl, and substituted or unsubstituted phenyl, substituted or unsubstituted biphenylyl, substituted or unsubstituted aryl, and substituted or unsubstituted heteroaryl; with the proviso that if Z is O, one of R_1 and R_2 is absent, and that, if Z is N, optionally R_1 and R_2 may optionally be taken together to form a substituted or unsubstituted *N*-heterocycle or substituted or unsubstituted heteroaryl with the N atom to which they are each attached. Pharmaceutical compositions comprising the compounds of Formula (I) and methods of using them to inhibit FAAH and/or treat appetite disorders, glaucoma, pain, insomnia, and neurological and psychological disorders including anxiety disorders, epilepsy, and depression are provided.

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