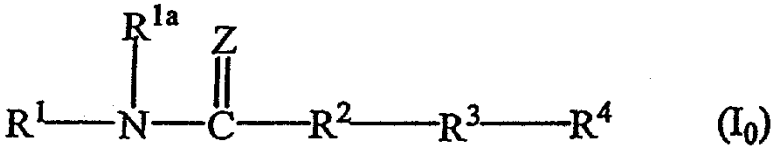
ABSTRACT

AMIDE COMPOUND

There is provided a FAAH inhibitor and a prophylactic or therapeutic agent for cerebrovascular disorders or sleep disorders comprising it. The prophylactic or therapeutic agent comprises a compound of the formula (I_0):



(I_0)

wherein Z is oxygen or sulfur; R^1 is aryl which may be substituted, or a heterocyclic group which may be substituted; R^{1a} is a hydrogen atom, a hydrocarbon group which may be substituted, hydroxyl, etc.; R^2 is piperidin-1,4-diyl which may be substituted, or piperazin-1,4-diyl which may be substituted; R^3 is a group formed by eliminating two hydrogen atoms from a 5-membered aromatic heterocyclic group having 1 to 3 heteroatoms selected from nitrogen, oxygen and sulfur, which may be further substituted, -CO-, etc.; and R^4 is a hydrocarbon group which may be substituted, or a heterocyclic group which may be substituted; or a salt thereof.

FIGURE 1