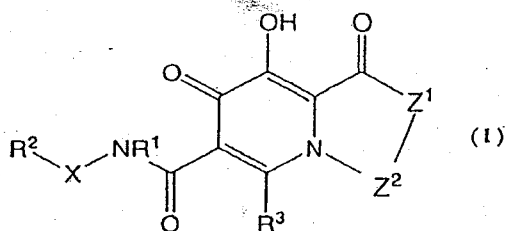


# Abstract

## POLYCYCLIC CARBAMOYLPYRIDONE DERIVATIVE HAVING HIV INTEGRASE INHIBITORY ACTIVITY

FB

The present invention is to provide a novel compound (I) shown below, having the anti-virus activity, particularly the HIV integrase inhibitory activity, and a drug containing the same, particularly an anti-HIV drug, as well as a process and an intermediate thereof.



(wherein

Z<sup>1</sup> is NR<sup>4</sup>;

R<sup>1</sup> is hydrogen or lower alkyl;

X is a single bond, a hetero atom group selected from O, S, SO, SO<sub>2</sub> and NH, or lower alkylene or lower alkenylene in which the hetero atom group may intervene;

R<sup>2</sup> is optionally substituted aryl;

R<sup>3</sup> is hydrogen, a halogen, hydroxy, optionally substituted lower alkyl etc; and

R<sup>4</sup> and Z<sup>2</sup> part taken together forms a ring, to form a polycyclic compound, including e.g., a tricyclic or tetracyclic compound.