

ABSTRACT

5 The present invention relates to a novel
class of sulfonamides which are aspartyl protease
inhibitors. In one embodiment, this invention relates
to a novel class of HIV aspartyl protease inhibitors
characterized by specific structural and
physicochemical features. This invention also relates
to pharmaceutical compositions comprising these
compounds. The compounds and pharmaceutical
compositions of this invention are particularly well
10 suited for inhibiting HIV-1 and HIV-2 protease activity
and consequently, may be advantageously used as anti-
viral agents against the HIV-1 and HIV-2 viruses. This
invention also relates to methods for inhibiting the
activity of HIV aspartyl protease using the compounds
15 of this invention and methods for screening compounds
for anti-HIV activity.

