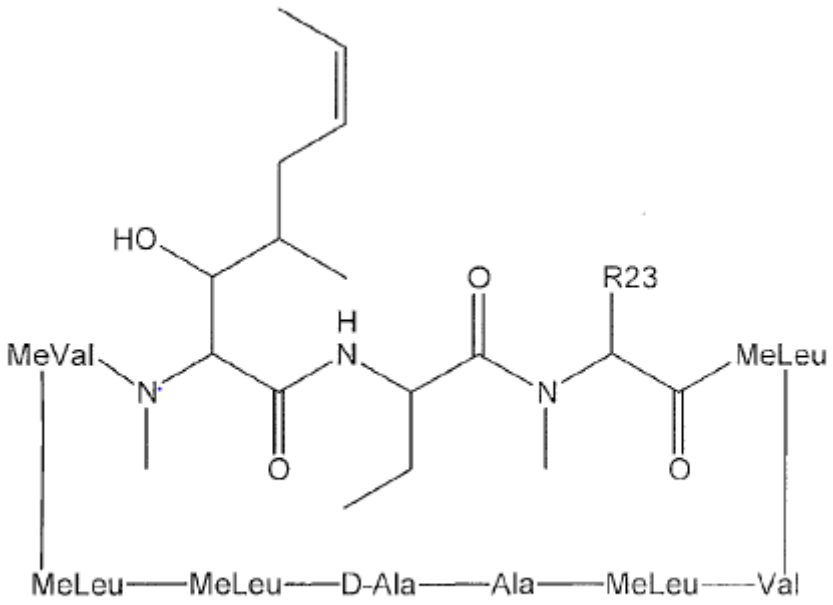
ABSTRACT

CYCLOSPORINE ANALOGUE MOLECULES MODIFIED AT AMINO ACID 1 AND 3

Analogues of cyclosporin-A are disclosed comprising modifications of the substituents as the positions of amino acids 1 and 3, according to the following Formula (I). The disclosed compounds include compounds having affinity for cyclophilin, including cyclophilin-A, and reduced immunosuppressivity in comparison with cyclosporin-A and analogs thereof modified solely at position 1.



Formula 1

Figure 1A