

Gillig, A.; Majjigapu, S.R.; Sordat, B. Vogel, P. (2012). Synthesis of a C-Iminoribofuranoside Analog of the Nicotinamide Phosphoribosyltransferase (NAMPT) Inhibitor FK866, *Helv. Chem. Acta*, 95, 34-42

FK866 (also named APO866 or WK175) is a potent NAMPT inhibitor being evaluated (Phase II) as a potential anticancer drug. The preparation of the C-iminoribofuranoside analog (2*E*)-*N*-[4-(1-benzoylpiperidin-4-yl)butyl]-3-{3-[(2*S*,3*S*,4*R*,5*R*)-3,4-dihydroxy-5-(hydroxymethyl)pyrrolidin-2-yl]phenyl}prop-2-enamide ((-)-**1**) is reported.