

6-[(2*S*,3*R*)-3-(2,4-Difluorophenyl)-3-hydroxy-4-(1*H*-1,2,4-triazol-1-yl)butan-2-yl]-5-fluoropyrimidine-4-carbaldehyde

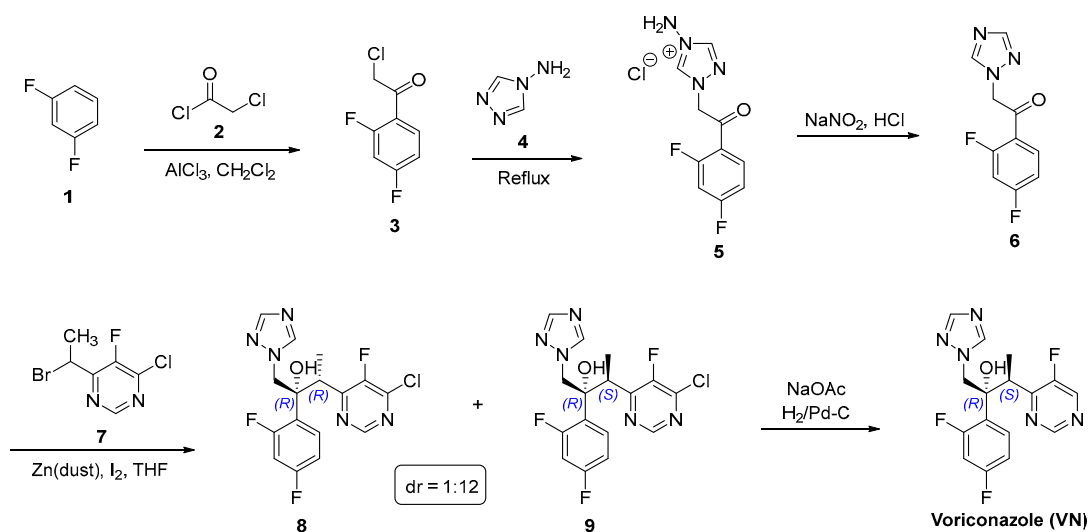
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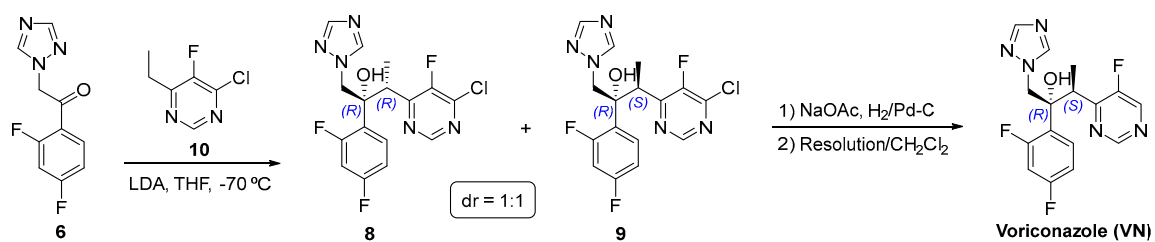
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Scheme S1. First synthetic route for the synthesis of Voriconazole (VN).



Scheme S2. Second synthetic route for the synthesis of Voriconazole (VN).

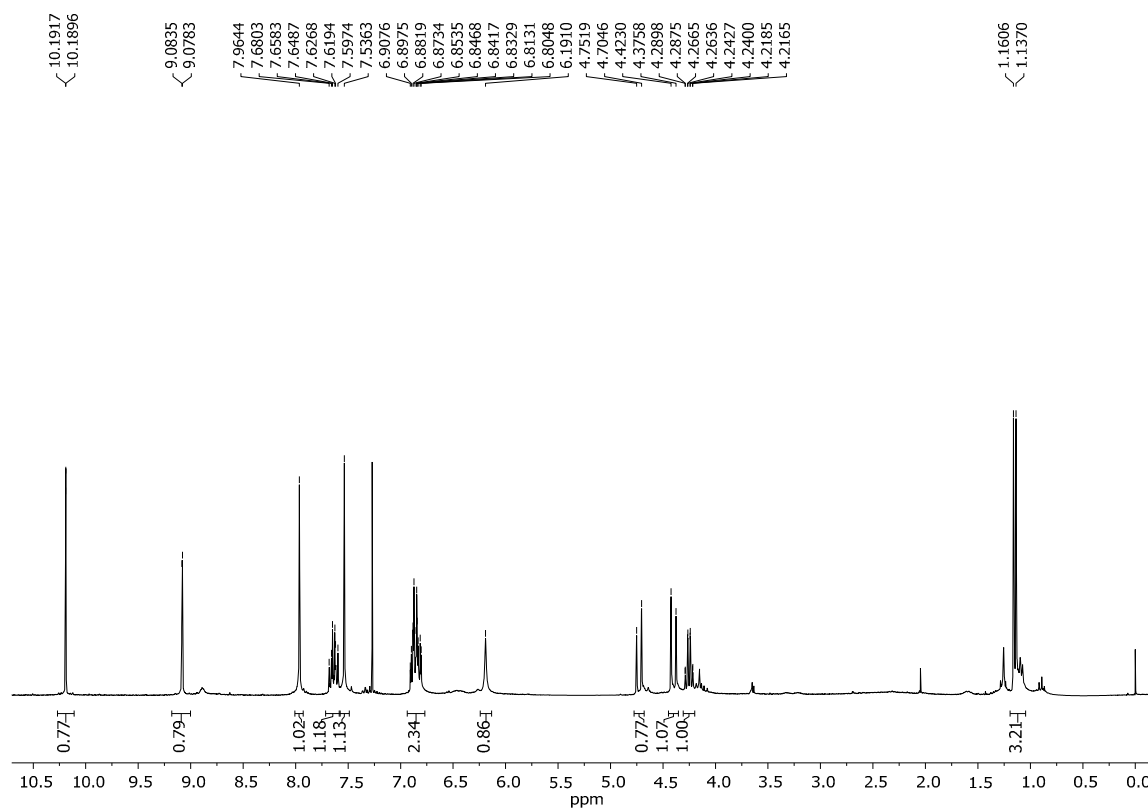


Figure S1. ¹H NMR spectrum of the title compound (VN-CHO) (CDCl₃, 300 MHz).

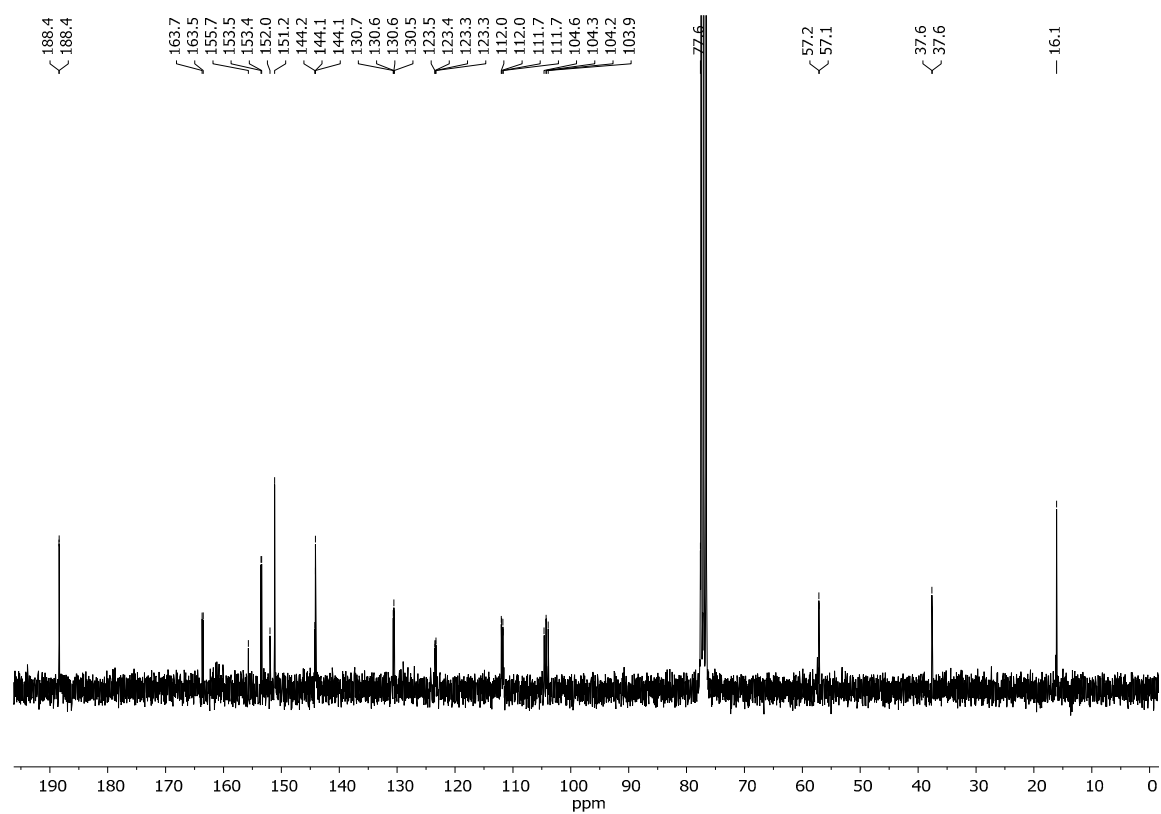


Figure S2. ^{13}C NMR spectrum of the title compound (VN-CHO) (CDCl_3 , 75 MHz).

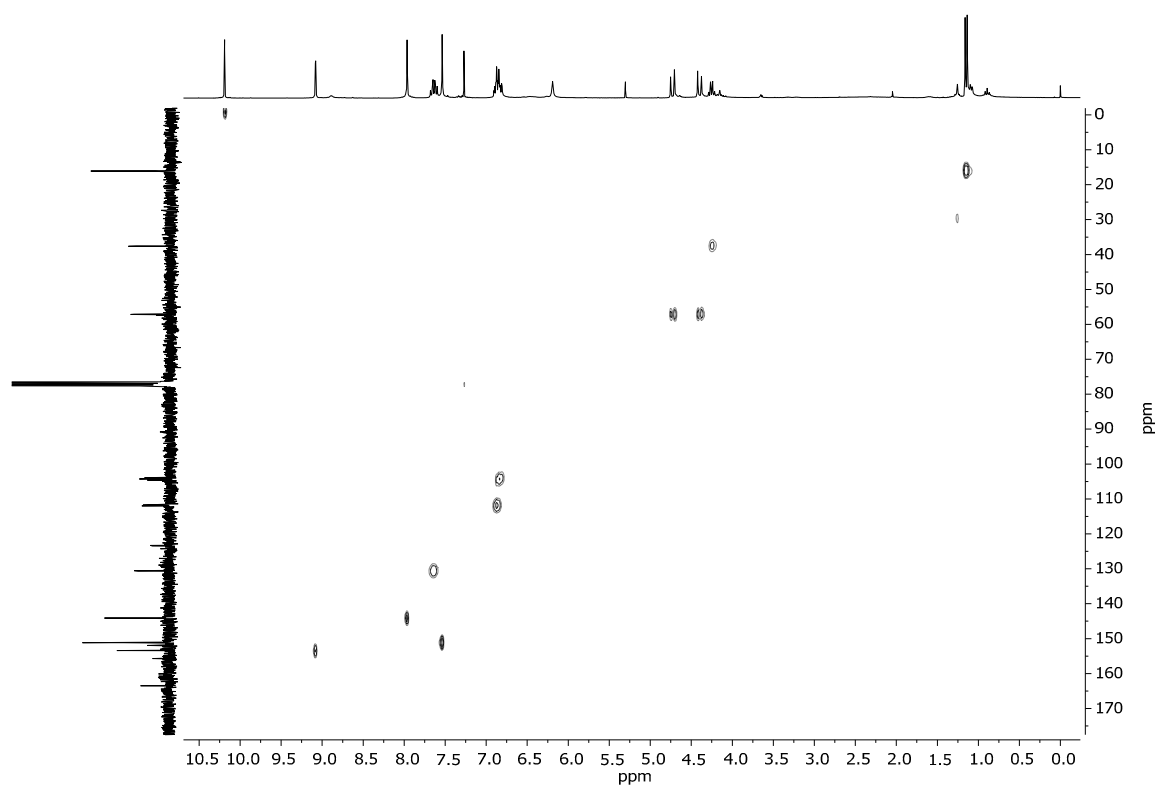


Figure S3. HSQC spectrum of the title compound (VN-CHO).

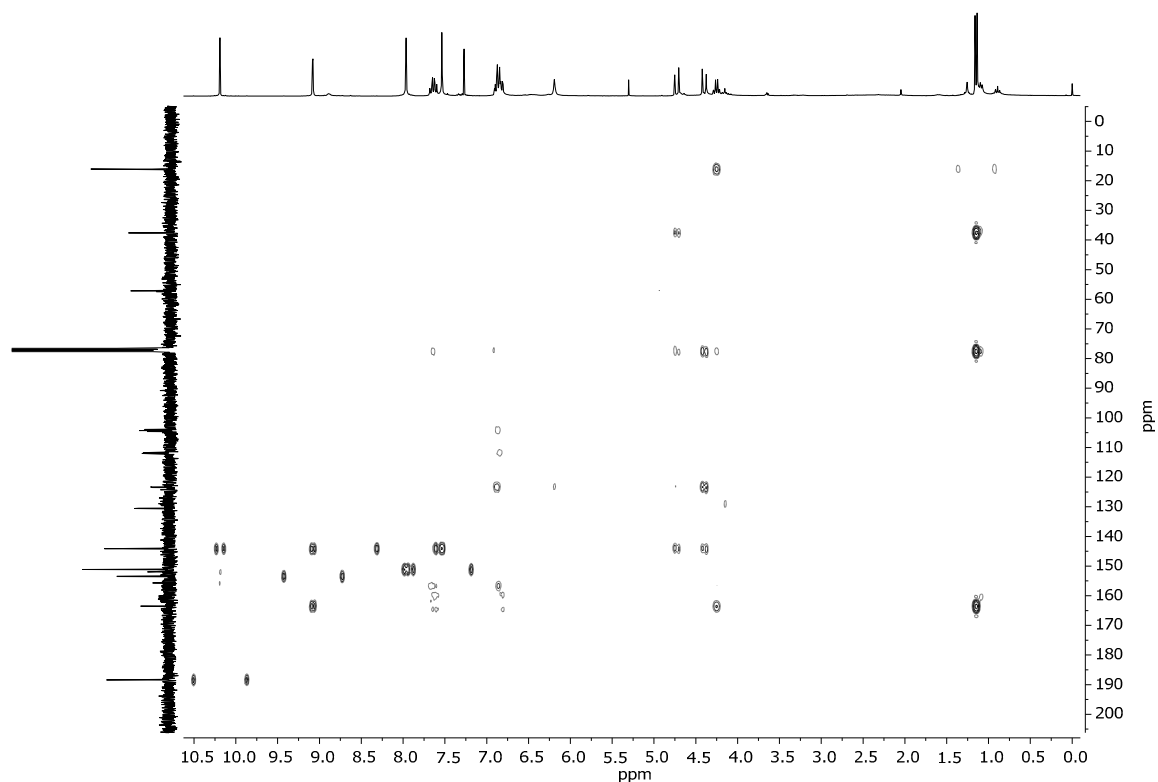


Figure S4. HMBC spectrum of the title compound (VN-CHO).

VN-CHO #20-25 RT: 0.58-0.72 AV: 6 NL: 1.27E8
T: FTMS + p ESI Full ms [250,0000-550,0000]

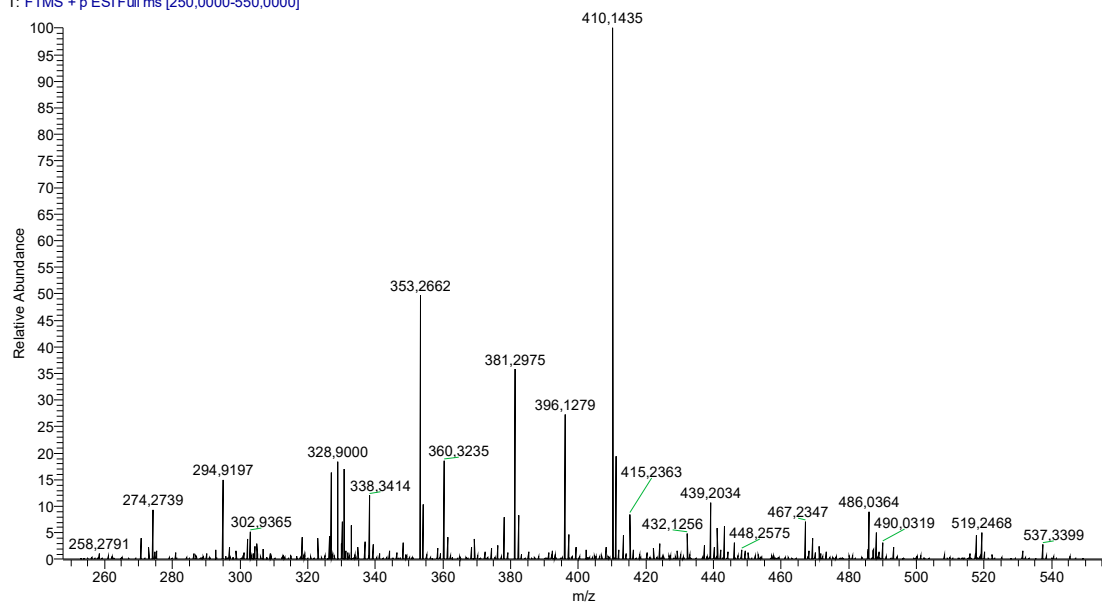


Figure S5. HRMS spectrum of the title compound (VN-CHO).