



Figure 1 – figure supplement 2. Investigation of the reprotonation step in the cyclization mechanism of discoidol. A) Incubation of (6- ^{13}C)FPP in deuterium oxide buffer with discoidol synthase (DdTPS8) results in a triplet for C1 of discoidol due to ^{13}C - ^2H spin coupling. B) HSQC analysis of the obtained labeled material demonstrates the stereospecific incorporation of deuterium into H1_a. Blue dots indicate ^{13}C -labeled carbons.