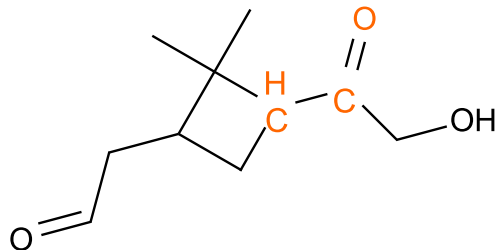
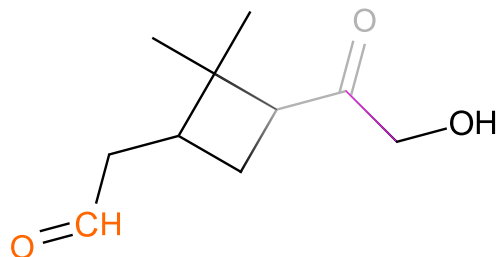


Example 1: multifunctional compound:  
SMILES O=CCC1CC(C(=O)CO)C1(C)C

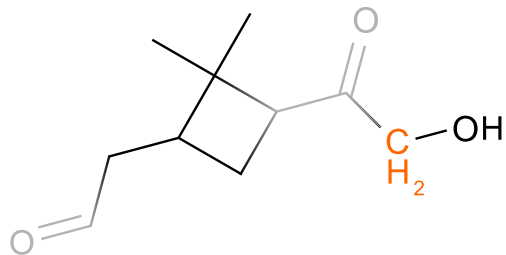
- 1 SMARTS [C;H2,H1;X4][CH0;X3](=[OX1])  
1 match: AIOMFAC subgroup 19, (CH<sub>2</sub>CO), ketone



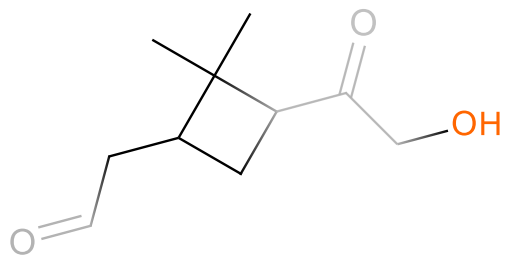
- 2 SMARTS [CH1;X3;+0,+1](=O)  
1 match: AIOMFAC subgroup 20, (CHO), aldehyde



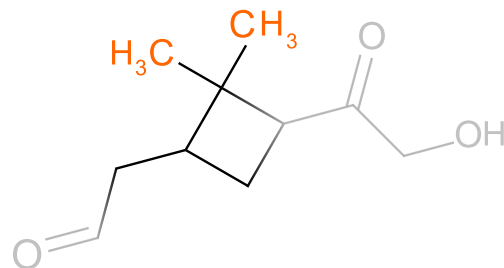
- 3 SMARTS [\$([CX4;H2]([OH1X2]))]  
1 match: AIOMFAC subgroup 150, (CH<sub>2</sub><sup>[OH]</sup>), alkyl bonded to OH



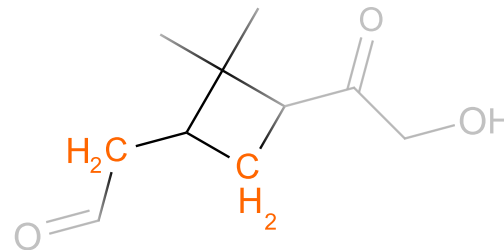
- 4 SMARTS [OH1;X2;A]  
1 match: AIOMFAC subgroup 153, (OH), hydroxyl



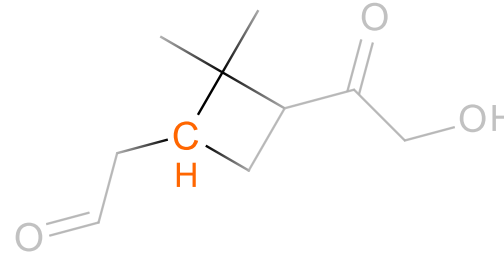
- 5 SMARTS [CX4;H3,H4]  
2 matches: AIOMFAC subgroup 1, (CH<sub>3</sub>), standard alkyl



- 6 SMARTS [CH2]  
2 matches: AIOMFAC subgroup 2, (CH<sub>2</sub>), standard alkyl



- 7 SMARTS [CH1]  
1 match: AIOMFAC subgroup 3, (CH), standard alkyl



- 8 SMARTS [CH0]  
1 match: AIOMFAC subgroup 4, (C), standard alkyl

