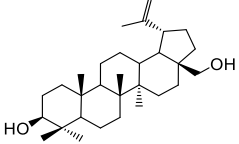
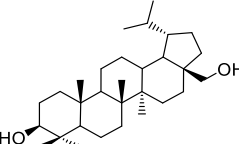
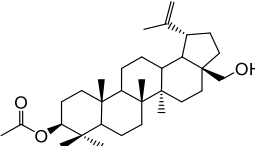
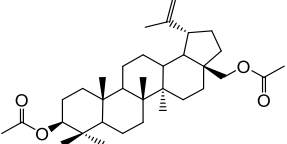
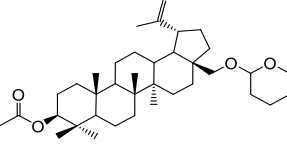
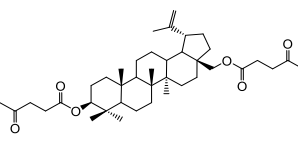
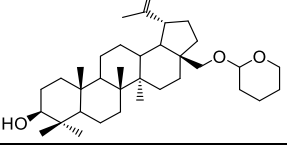
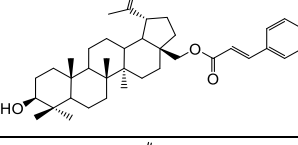
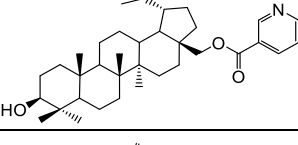
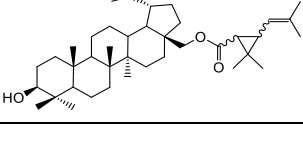
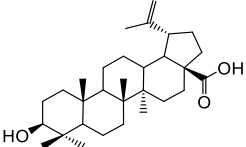
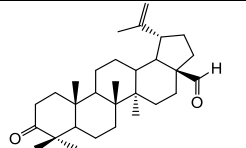
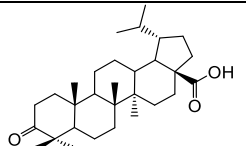
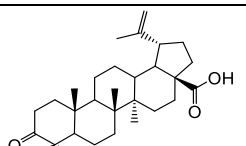
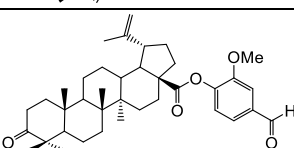
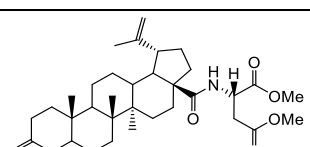
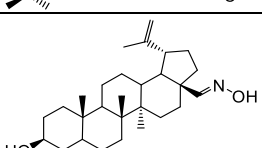
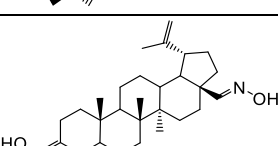
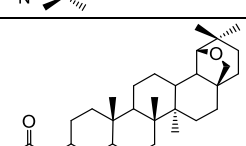
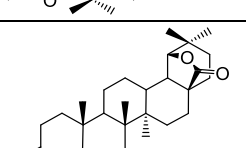
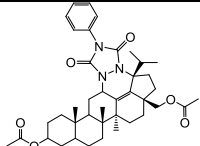


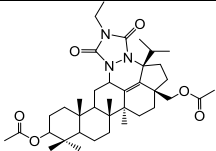
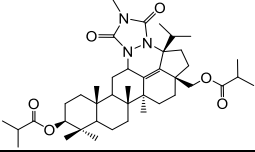
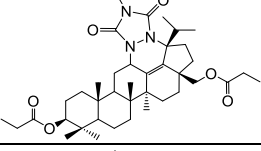
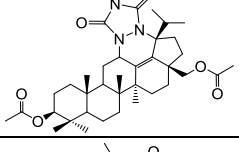
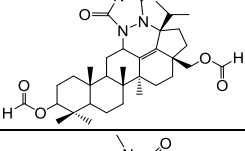
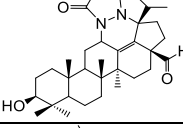
# Simple betulin derivatives

Compound	Chemical formula	Molecular weight (g/mol)	Chemical structure
<b>1</b> (betulin)	C <sub>30</sub> H <sub>50</sub> O <sub>2</sub>	442.7	
<b>2</b>	C <sub>30</sub> H <sub>52</sub> O <sub>2</sub>	444.8	
<b>3</b>	C <sub>32</sub> H <sub>52</sub> O <sub>3</sub>	484.8	
<b>4</b>	C <sub>34</sub> H <sub>54</sub> O <sub>4</sub>	526.8	
<b>5</b>	C <sub>36</sub> H <sub>60</sub> O <sub>4</sub>	568.9	
<b>6</b>	C <sub>40</sub> H <sub>62</sub> O <sub>6</sub>	638.9	
<b>7</b>	C <sub>35</sub> H <sub>58</sub> O <sub>3</sub>	526.9	
<b>8</b>	C <sub>39</sub> H <sub>56</sub> O <sub>3</sub>	572.8	
<b>9</b>	C <sub>36</sub> H <sub>53</sub> NO <sub>3</sub>	547.8	
<b>10</b>	C <sub>40</sub> H <sub>64</sub> O <sub>3</sub>	592.9	

<b>11</b>	$C_{30}H_{48}O_3$	456.7	
<b>12</b>	$C_{30}H_{46}O_2$	438.7	
<b>13</b>	$C_{30}H_{48}O_3$	456.7	
<b>14</b>	$C_{30}H_{46}O_3$	454.7	
<b>15</b>	$C_{38}H_{52}O_5$	588.4	
<b>16</b>	$C_{36}H_{55}NO_6$	597.8	
<b>17</b>	$C_{30}H_{48}N_2O_2$	468.7	
<b>18</b>	$C_{30}H_{49}NO_2$	455.7	
<b>19</b>	$C_{32}H_{52}O_3$	484.8	
<b>20</b>	$C_{30}H_{46}O_3$	454.7	

#### Heterocyclic betulin derivatives

<b>21</b>	$C_{42}H_{57}N_3O_6$	699.9	
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<b>22</b>	$C_{38}H_{57}N_3O_6$	651.9	
<b>23</b>	$C_{41}H_{63}N_3O_6$	694.0	
<b>24</b>	$C_{39}H_{59}N_3O_6$	665.9	
<b>25</b>	$C_{37}H_{55}N_3O$	637.9	
<b>26</b>	$C_{35}H_{51}N_3O_6$	609.8	
<b>27</b>	$C_{33}H_{49}N_3O_4$	551.8	
<b>28</b>	$C_{33}H_{47}N_3O_4$	549.8	