

## 8. Přílohy

**Tabulka 24:** Přehled analyzovaných steroidů 1 - 20 s uvedenou monoisotopickou hmotností.

Číslo	Zkratka	Triviální název	Systematický název	Sumární vzorec	m/z
1	<b>PREG</b>	PREGNENOLONE	5-pregnen-3 $\beta$ -ol-20-on	C <sub>21</sub> H <sub>32</sub> O <sub>2</sub>	316,24
2	<b>17<math>\alpha</math>-OH-PREG</b>	17 $\alpha$ -HYDROXPREGNENOLONE	5-pregnen-3 $\beta$ , 17-diol-20-on	C <sub>21</sub> H <sub>32</sub> O <sub>3</sub>	332,24
3	<b>P</b>	PROGESTERONE	4-pregnen-3, 20-dion	C <sub>21</sub> H <sub>30</sub> O <sub>2</sub>	314,22
4	<b>17<math>\alpha</math> -OH-P</b>	17 $\alpha$ -HYDROXYPROGESTERONE	4-pregnen-17-ol-3, 20-dion	C <sub>21</sub> H <sub>30</sub> O <sub>3</sub>	330,22
5	<b>17<math>\alpha</math>,20<math>\beta</math>-OH-P</b>	17 $\alpha$ , 20 $\beta$ -DIHYDROXYPROGESTERONE	4-pregnen-17, 20 $\beta$ -diol-3-on	C <sub>21</sub> H <sub>32</sub> O <sub>3</sub>	332,24
6	<b>5<math>\alpha</math> -DHP</b>	5 $\alpha$ -DIHYDROPROGESTERONE ALLODIHYDROPROGESTERONE	5 $\alpha$ -pregnan-3, 20-dion	C <sub>21</sub> H <sub>32</sub> O <sub>2</sub>	316,24
7	<b>EPIALLO-PREG</b>	5 $\alpha$ -DIHYDROPREGNANOLONE EPIALLOPREGNANOLONE	5 $\alpha$ -pregnan-3 $\beta$ -ol-20-on	C <sub>21</sub> H <sub>34</sub> O <sub>2</sub>	318,26
8	<b>ALLO-PREG</b>	ALLOPREGNANOLONE	5 $\alpha$ -pregnan-3 $\alpha$ -ol-20-on	C <sub>21</sub> H <sub>34</sub> O <sub>2</sub>	318,26
9	<b>20<math>\alpha</math>-OH-P</b>	20 $\alpha$ -HYDROXYPROGESTERONE	4-pregnen-20 $\alpha$ -ol-3-on	C <sub>21</sub> H <sub>32</sub> O <sub>2</sub>	316,24
10	<b>11<math>\beta</math>-OH-P</b>	11 $\beta$ -HYDROXYPROGESTERONE	4-pregnen-11 $\beta$ -ol-3, 20-dion	C <sub>21</sub> H <sub>30</sub> O <sub>3</sub>	330,22
11	<b>THDOC</b>	21-HYDROXPREGNANOLONE TETRAHYDRODEOXYCORTICOSTERONE	5 $\beta$ -pregnan-3 $\alpha$ , 21-diol-20-on	C <sub>21</sub> H <sub>34</sub> O <sub>3</sub>	334,25
12	<b>ALLO-THDOC</b>	ALLOTETRAHYDRO DOC	5 $\alpha$ -pregnan-3 $\alpha$ , 21-diol-20-on	C <sub>21</sub> H <sub>34</sub> O <sub>3</sub>	334,25
13	<b>11-DOC</b>	DESOXYCORTICOSTERONE 11-DEOXYCORTICOSTERONE	4-pregnen-21-ol-3, 20-dion	C <sub>21</sub> H <sub>30</sub> O <sub>3</sub>	330,22
14	<b>CORT (B)</b>	CORTICOSTERONE	4-pregnen-11 $\beta$ , 21-diol-3, 20-dion	C <sub>21</sub> H <sub>30</sub> O <sub>4</sub>	346,21
15	<b>11-DHB</b>	11-DEHYDROCORTICOSTERONE	4-pregnen-21-ol-3, 11, 20-trion	C <sub>21</sub> H <sub>28</sub> O <sub>4</sub>	344,20
16	<b>5<math>\alpha</math>-DHB</b>	5 $\alpha$ -DIHYDROCORTICOSTERONE	5 $\alpha$ -pregnan-11 $\beta$ , 21-diol-3, 20-dion	C <sub>21</sub> H <sub>32</sub> O <sub>4</sub>	348,23
17	<b>5<math>\beta</math>-DHB</b>	5 $\beta$ -DIHYDROCORTICOSTERONE	5 $\beta$ -pregnan-11 $\beta$ , 21-diol-3, 20-dion	C <sub>21</sub> H <sub>32</sub> O <sub>4</sub>	348,23
18	<b>F</b>	CORTISOL	4-pregnen-11 $\beta$ , 17, 21-triol-3, 20-dion	C <sub>21</sub> H <sub>30</sub> O <sub>5</sub>	362,41
19	<b>21-dF (S)</b>	11-DESOXYCORTISOL	4-pregnen -17, 21-diol-3, 20-dion	C <sub>21</sub> H <sub>30</sub> O <sub>4</sub>	346,21
20	<b>E</b>	CORTISONE	4-pregnen -17, 21-diol-3, 11, 20-trion	C <sub>21</sub> H <sub>28</sub> O <sub>5</sub>	360,19

**Tabulka 25:** Přehled analyzovaných steroidů 21 - 37 s uvedenou monoisotopickou hmotností.

Číslo	Zkratka	Triviální název	Systematický název	Sumární vzorec	m/z
21	ALDO	ALDOSTERONE	4-pregnen -11 $\beta$ , 21-diol-3, 18, 20-trion	C <sub>21</sub> H <sub>28</sub> O <sub>5</sub>	360,19
22	T	TESTOSTERONE	4-androsten-17 $\beta$ -ol-3-on	C <sub>19</sub> H <sub>28</sub> O <sub>2</sub>	288,21
23	5 $\alpha$ -DHT	5 $\alpha$ -DIHYDROTESTOSTERONE	5 $\alpha$ -androstan--17 $\beta$ -ol-3-on	C <sub>19</sub> H <sub>30</sub> O <sub>2</sub>	290,22
24	DHEA	DHEA	5-androsten--3 $\beta$ -ol-17-on	C <sub>19</sub> H <sub>28</sub> O <sub>2</sub>	288,22
25	DHEA-S	DHEA SULPHATE, SODIUM SALT	5-androsten--3 $\beta$ -ol-17-on sulfát, sodná sůl	C <sub>19</sub> H <sub>27</sub> NaO <sub>5</sub> S	390,15
26	7 $\alpha$ -OH-DHEA	7 $\alpha$ -HYDROXDHEA	5-androsten--3 $\beta$ , 7 $\alpha$ -diol-17-on	C <sub>19</sub> H <sub>28</sub> O <sub>3</sub>	304,20
27	7 $\beta$ -OH-DHEA	7 $\beta$ -HYDROXDHEA	5-androsten--3 $\beta$ , 7 $\beta$ -diol-17-on	C <sub>19</sub> H <sub>28</sub> O <sub>3</sub>	304,20
28	7-OXO-DHEA	7-OXODHEA	5-androsten--3 $\beta$ , ol-7, 17-dion	C <sub>19</sub> H <sub>26</sub> O <sub>3</sub>	302,19
29	A4	ANDROSTENEDIONE	4-androsten--3,17-dion	C <sub>19</sub> H <sub>26</sub> O <sub>2</sub>	286,19
30	EpiAST	EPIANDROSTERONE	5 $\alpha$ -androstan -3 $\beta$ -ol-17-on	C <sub>19</sub> H <sub>30</sub> O <sub>2</sub>	290,22
31	AST	ANDROSTERONE	5 $\alpha$ -androstan -3 $\alpha$ -ol-17-on	C <sub>19</sub> H <sub>30</sub> O <sub>2</sub>	290,22
32	5 $\alpha$ -DION	ANDROSTANEDIONE	5 $\alpha$ -androstan -3, 17-dion	C <sub>19</sub> H <sub>28</sub> O <sub>2</sub>	288,21
33	5 $\beta$ -DION	ANDROSTANEDIONE(5 $\beta$ )	5 $\beta$ -androstan -3, 17-dion	C <sub>19</sub> H <sub>28</sub> O <sub>2</sub>	288,21
34	3 $\alpha$ -DIOL	17 $\beta$ -DIHYDROANDROSTERONE	5 $\alpha$ -androstan-3 $\alpha$ , 17 $\beta$ -diol	C <sub>19</sub> H <sub>32</sub> O <sub>2</sub>	292,24
35	3 $\beta$ -DIOL	DIHYDROANDROSTERONE	5 $\alpha$ -androstan-3 $\beta$ , 17 $\beta$ -diol	C <sub>19</sub> H <sub>32</sub> O <sub>2</sub>	292,24
36	DEXA	DEXAMETHASONE	11 $\beta$ ,16 $\alpha$ -9-Fluoro-11,17,21-trihydroxy-16 $\alpha$ -methylpregna-1,4-diene-3,20-dione	C <sub>22</sub> H <sub>29</sub> FO <sub>5</sub>	392,20
37	BETA	BETAMETHASONE	9 $\alpha$ -Fluoro-11 $\beta$ ,17 $\alpha$ ,21-trihydroxy-16 $\beta$ -methylpregna-1,4-diene-3,20-dione	C <sub>22</sub> H <sub>29</sub> FO <sub>5</sub>	392,20