

List of analytical standards offered by Łukasiewicz Research Network – Industrial Chemistry Institute:

• **Alfacalcidol:**

Alfacalcidol Reference Standard (CAS 41294-56-8);
Alfacalcidol impurity A (trans-Alfacalcidol) Working Standard (CAS 65445-14-9);
Alfacalcidol impurity B (1 β -Calcidol) Working Standard (CAS 63181-13-5);

• **Anastrozole:**

Anastrozole Reference Standard (CAS 120511-73-1);
Anastrozole impurity A Working Standard (120511-72-0);

• **Bimatoprost:**

Bimatoprost Reference Standard (CAS 155206-00-1);
15-epi-Bimatoprost Working Standard (CAS 1163135-92-9);
Bimatoprost impurity 2,2-Bis(hydroxymethyl)propyl (Z)-7-{{(1R,2R,3R,5S)-3,5-dihydroxy-2-[(S,E)-3-hydroxy-5-phenylpent-1-enyl]-cyclopentyl}hept-5-enoate Working Standard;
Bimatoprost acid Working Standard (CAS 38344-08-1);
Bimatoprost impurity (S)-4-phenyl-2-tert-butyl dimethylsilyloxy-butan-1-ol Working Standard;

• **Calcifediol:**

Calcifediol Reference Standard (CAS 63283-36-3);
Calcifediol impurity D (trans-Calcifediol) Working Standard (CAS 36149-00-5);

• **Calcitriol:**

Calcitriol Reference Standard (CAS 32222-06-3);
Calcitriol impurity A (trans-Calcitriol) Working Standard (CAS 73837-24-8);
Calcitriol impurity B (1 β -Calcitriol) Working Standard (CAS 66791-71-7);

• **Capecitabine:**

Capecitabine Reference Standard (CAS 154361-50-9);

• **Carvedilol:**

Carvedilol Reference Standard (CAS 72956-09-3);
Carvedilol impurity Cd-2 Working Standard (CAS 1836-62-0);
Carvedilol impurity Cd-5 Working Standard (CAS 52602-39-8);
Carvedilol impurity Cd-6 Working Standard (CAS 51997-51-4);
Carvedilol impurity A Working Standard (CAS 1198090-73-1);
Carvedilol impurity B Working Standard (CAS 918903-20-5);
Carvedilol impurity C Working Standard (CAS 72955-94-3);

• **Duloxetine hydrochloride:**

Duloxetine hydrochloride Reference Standard (CAS 136434-34-9);

• **Eplerenone:**

Eplerenone Reference Standard (CAS 107724-20-9);

• **Imatinib:**

Imatinib Mesylate Form α Reference Standard (CAS 220127-57-1);
Imatinib impurity IM-5 Working Standard (CAS 152460-10-1);
Imatinib impurity IM-6 Working Standard (CAS 404844-11-7);
Imatinib impurity Z-1 Working Standard (CAS 407844-03-7);
Imatinib impurity Z-2 Working Standard;
Imatinib impurity Z-3 Working Standard;

Strona 1 z 2

Imatinib impurity Z-4 Working Standard (CAS 571186-91-9);
Imatinib impurity GV-2 Working Standard (CAS 152460-08-7);
Imatinib impurity GV-5 Working Standard (CAS 55314-16-4);
Imatinib impurity GV-6 Working Standard (CAS 152460-09-8);
Imatinib impurity Isopropyl Methanesulfonate Working Standard (CAS 926-06-7);
Imatinib impurity Ethyl Methanesulfonate Working Standard (CAS 62-50-0);
Imatinib impurity 4-(Chloromethyl)benzoic acid Working Standard (CAS 1642-81-5);
Imatinib impurity Methyl 4-(chloromethyl)benzoate Working Standard
(CAS 34040-64-7);
Imatinib impurity 4-[(4-methylpiperazin-1-yl)methyl]benzoic acid dihydrochloride
Working Standard;

• **Latanoprost:**

Latanoprost Reference Standard (CAS 130209-82-4);
15-epi-Latanoprost Working Standard (CAS 145773-22-4);
5,6-trans-Latanoprost Working Standard (CAS 913258-34-1);
Latanoprost acid Working Standard (CAS 41639-83-2);

• **Montelukast:**

Montelukast Reference Standard (CAS 1187586-63-5);
Montelukast impurity A (epi-Montelukast acid) Working Standard (CAS 220927-27-5);
Montelukast impurity B (Montelukast Methylstyrene) Working Standard
(CAS 918972-54-0);
Montelukast impurity (Montelukast disulfide) Working Standard (CAS 162515-67-5);

• **Olanzapine:**

Olanzapine Form I Reference Standard (CAS 132539-06-1);
Olanzapine impurity S Working Standard;
Olanzapine impurity L Working Standard (CAS 221176-49-4);
Olanzapine impurity G Working Standard;

• **Tacalcitol:**

Tacalcitol monohydrate Reference Standard (CAS 93129-94-3);
Tacalcitol impurity A (trans-Tacalcitol) Working Standard (CAS 1294517-97-7);
Tacalcitol impurity B ((24S)-Tacalcitol) Working Standard (CAS 57333-95-6);
Tacalcitol impurity C (1 β -Tacalcitol) Working Standard (CAS 169218-36-4);

• **Travoprost:**

Travoprost Reference Standard (CAS 157283-68-6);
15-epi-Travoprost Working Standard;
5,6-trans-Travoprost Working Standard;
Travoprost acid Working Standard (CAS 54276-17-4);
Travoprost impurity 2,2-Bis(hydroxymethyl)propyl (Z)-7-{(1R,2R,3R,5S)-3,5-
dihydroxy-2-[(R,E)-3-hydroxy-4-(3-trifluoromethylphenoxy)but-1-
enyl]cyclopentyl}hept-5-enoate Working Standard;
Travoprost impurity (R)-(-)-2-(tert-butylidimethylsilyloxy)-3-(3-
trifluoromethylphenoxy)propan-1-ol WS;

• **Zolmitriptan:**

Zolmitriptan Reference Standard (CAS 139264-17-8);

For more details about analytical standards produced by Łukasiewicz Research Network
- Industrial Chemistry Institute contact anna.nikonowicz@ichp.pl

Strona 2 z 2