ACADEMY OF SCIENCES OF THE REPUBLIC OF UZBEKISTAN



ACAD. S.Yu. YUNUSOV INSTITUTE OF THE CHEMISTRY
OF PLANT SUBSTANCES

INTERNATIONAL SCIENTIFIC CONFERENCE

Actual Problems of the Chemistry of Natural Compounds

PROGRAMME

March 15-16, 2023 Tashkent

CONFERENCE TOPICS

- 1. Chemistry, biology, pharmacology, and technology of natural compounds and their derivatives.
- 2. Successes and problems of creation of new drugs.

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Khasanov Sh.Sh.

Acad. S.Yu.Yunusov Institute of the Chemistry of Plant Substances, 77, Mirzo-Ulugbek Str., Tashkent, 100170, Uzbekistan

15 MARCH

8.00–9.00 **Registration of the participants of the International Conference**(Acad. S.Yu. Yunusov Institute of the Chemistry of Plant Substances, Tashkent, M. Ulugbek st., 77)

9.00–9.15 **OPENING CEREMONY**

Greeting address from B.S. Yuldashev, President of the Academy of Sciences of the Republic of Uzbekistan

Message of greeting from Prof. Dr. Sh. Sh. Sagdullaev, Director of the Acad. S.Yu. Yunusov Institute of the Chemistry of Plant Substances AS RUz

9.15-9.30 Prof. Dr. S. F. Aripova. THE ACADEMY OF SCIENCES OF THE REPUBLIC OF UZBEKISTAN IS 80 YEARS OLD

PLENARY PRESENTATIONS

Chairman: Prof. Dr. E. Kh. Botirov Secretary: Ph.D. M. A. Mamatkhanova

- 9.30–10.00 **S. Deyev**. TARGETED AGENTS FOR CANCER DIAGNOSTICS AND THERAPY
- 10.00–10.30 **P. Nazarov**. THE USE OF NATURAL SUBSTANCES OF PLANT ORIGIN FOR THE PRODUCTION OF PROMISING ANTIBACTERIAL DRUGS
- 10.30–11.00 **Sh.S. Azimova**. SARS-COV-2: NEW DEVELOPMENTS FOR PREVENTION AND DIAGNOSIS
- 11.00–11.25 **I. Konstantinova**. *E. coli* PURINE NUCLEOSIDE PHOSPHORYLASE: IS THE SYNTHESIS OF MODIFIED NUCLEOSIDES ALWAYS REGIOSELECTIVE?
- 11.25–11.50 **E. Kh. Botirov**. CHEMICAL STUDY OF TERPENOIDS AND PHENOLIC COMPOUNDS OF PLANTS USED IN FOLK MEDICINE OF UZBEKISTAN
- 11.50–12.10 **P. William**. FREEZE-DRYING TECHNOLOGY AND LYOPHILIZER
- 12.10–13.00 **Lunch**
- 13.00–14.00 POSTER PRESENTATIONS

PLENARY PRESENTATIONS

Chairman: Prof. Dr. S.F. Aripova

Secretary: Ph.D. R.F. Mukhamatkhanova

- 14.00–14.20 **J. Jenis**. CHEMICAL PROFILE AND BIOLOGICAL ACTIVITIES OF KAZAKHSTANI *Artemisia* SPECIES
- 14.20–14.40 **Bo-Zhao**. STUDY ON THE DITERPENOID ALKALOIDS OF Delphinium AND Aconitum GROWING IN CENTRAL ASIAN
- 14.40–15.00 **Nazim Sekeroglu**. CONVENTIONAL CROP BYPRODUCTS AS SUSTAINABLE RAW MATERIALS FOR NOVEL PHARMACEUTICAL AND NUTRACEUTICAL PRODUCTS
- 15.00–15.20 **F.M. Tursunkhodjaeva**. ON THE PHARMACOLOGICAL ACTIVITY AND PROSPECTS FOR THE PRACTICAL USE OF 1-ARYL-1,2,3,4-TETRAHYDROISOQUINOLINES
- 15.20–15.40 **M.S. Yunusov**. ANTIARRHYTHMICS BASED ON DITERPENE ALKALOIDS. CREATING AN INJECTION FORM.
- 15.40–16.00 **Break**

ORAL PRESENTATIONS

Chairman: Dr. R.K. Rakhmanberdyeva

Secretary: Sh.K. Khidoyatova

- 16.00–16.15 **K.A. Eshbakova**. CHEMICAL COMPONENTS OF *Rumex* SPECIES GROWING IN THE UZBEKISTAN AND THEIR ANTIBACTERIAL, ANTIOXIDANT, ANTICOAGULANT ACTIVITIES
- 16.15–16.30 **S.V. Nekhoroshev**. CHARACTERISTICS OF PEAT ORIGINATED FULVO ACIDS OF THE KHANTY-MANSIYSK AUTONOMOUS OKRUG YUGRA
- 16.30–16.45 **M. Berzina**. NEW ADENOSINE ANALOGS: CHEMICAL-ENZYMATIC SYNTHESIS
- 16.45–17.00 **Y. Suleimen**. ESSENTIAL OIL COMPOSITION AND BIOACTIVITY OF *Tripolium pannonicum* L.
- 17.00–17.15 **F.R. Egamova**. TOTAL ECDYSTEROID-CONTAINING AND FLAVONOID-CONTAINING SUBSTANCES FROM PLANTS OF UZBEKISTAN, THE POSSIBILITY OF THEIR PRACTICAL USE IN MEDICINE

16 MARCH

PLENARY PRESENTATIONS

Chairman: Prof. Dr. J. Jenis

Secretary: PhD. J.M. Abdurakhmanov

- 09.00–09.30 **S.G. Leitao**. OVER TEN YEARS RESEARCH WITH SARACURA MIRÁ: *Ampelozizyphus amazonicus* THE BRAZILIAN ADAPTOGEN FROM THE AMAZON
- 09.30–10.00 **A.U. Berdiev**. TARGETED SYNTHESIS AND MODIFICATIONS OF QUINAZOLINE ALKALOIDS AND THEIR ANALOGUES
- 10.00–10.20 **Sevgi Gezici**. ANTI-INFLAMATUVAR AND APOPTOTIC DNA FRAGMENTATION ACTIVITIES OF WHITE PITAYA FRUIT EXTRACTS AGAINST HUMAN COLON CANCER CELLS
- 10.20–10.40 **A.Z. Sadikov**. THE TECHNOLOGY OF PRODUCING THE SUBSTANCE OF DRUGS BASED ON DITERPENE ALKALOIDS
- 10.40–11.00 **Kh. Rasulova**. QUINOLINE ALKALOIDS OF THE FAMILY *Rutaceae*
- 11.00–11.30 **Break**

ORAL PRESENTATIONS

Chairman: Dr. S.Z. Nishanbaev Secretary: B.S. Okhundedaev

- 11.30–11.45 **B. Eletckaia**. BIOSYNTHESIS OF FLEXIMER ANALOGUES OF PURINE NUCLEOSIDES, BY-PRODUCTS OF TRANSGLYCOSYLATION
- 11.45–12.00 **G. Mamytbekova**. ISOLATION AND IDENTIFICATION OF FUNGI FROM LICHEN PRODUCERS OF NEW ANTIBIOTICS
- 12.00–12.15 A. Arautova. SYNTHESIS OF 2-FLUOROCORDYCEPINE
- 12.15–12.30 **B. Abylaeva**. STAUDYING THE POSSIBILITY OF OBTAINING PEKTIN FROM WASTE BY ENZYMATIC HIDROLYSIS
- 12.30–12.45 **H.I. Ahunova**. ALKALOIDS FROM *Delphinium oreophilum*
- 12.45–13.00 **I.M. Khalilov**. GENETIC ANALYSIS OF THE CRY GENES OF THE ENTOMOPATHOGENIC *Bacillus thuringiensis* AGAINST *Helicoverpa armigera*
- 13.00–14.00 **Lunch**

ORAL PRESENTATIONS

Chairman: Dr. S.A. Sasmakov Secretary: E.R. Kurbanova

- 14.00–14.15 **Z. Boronova.** DITERPENOID ALKALOIDS OF THE *Aconitum* PLANTS OF KYRGYZSTAN
- 14.15–14.30 **F. Ashurova**. BACTERICIDAL ACTION OF Gentiana oliveri
- 14.30–14.45 **M.B. Kayumov**. *In silico* STUDY OF BUFADIENOLIDES FROM *Bufo viridis* VENOM
- 14.45–15.00 **M.K. Narmukhamedova**. DETERMINATION OF THE ACTIVITY OF BACTERIAL RIBONUCLEASES
- 15.00–15.15 **S.Kh.Hojiboboeva**. MOLECULAR GENETIC ANALYSIS OF THE EFFECT OF THE SUPRAMOLECULAR COMPLEX OF GLYCYRRHIZIC ACID WITH BENZOTRIOZOLE ON WHEAT FUNGAL DISEASES
- 15.15–15.30 **M.A. Rasulova**. NATURAL NEUROTROPIC AUTOANTIBODIES IN COVID-19 ASSOCIATED ISCHEMIC STROKES
- 15.30–15.45 **A. Miftakhova.** DEVELOPMENT OF HIGHLY EFFICIENT KAZAKHSTAN'S HERBAL MEDICINAL SUBSTANCES WITH ANTIVIRAL ACTIVITY AGAINST COVID-19 AND SIMILAR VIRAL INFECTION
- 15.45–16.00 **N.R. Mukhamedov**. BIOLOGICAL ACTIVITY SCREENING AND FRACTIONATION OF *Naja naja oxiana* VENOM
- 16.00–16.15 **F.B. Kobilov**. CLONING ANALYSIS OF CRY1AA GENE OF *Bacillus thuringiensis* 1FO STRAIN
- 16.15–16.30 **I.M. Khalilov**. CLONING ANALYSIS OF CRY1AA GENE OF *Bacillus thuringiensis* 1FO STRAIN

17.00 **CONCLUSION SESSION**

POSTER PRESENTATIONS*

1.	M.V. Karakozova	Protein sequences analysis of the main mdr pump acrab-tolc
		from <i>Escherichia coli</i> : antibacterial action of substances of plant origin
2.	M. Berzina	New adenosine analogs: chemical-enzymatic synthesis
3.	A. Bashylau	Anti-inflammatory activity of phenolic compounds from
	, -	transformed roots of Artemisia annua L. and A. vulgaris L.
4.	E.A. Lapchenko	Natural compounds of the genus Lycium and prospects of a
	•	biotechnological method of preservation and practical use
5.	L.A. Alexandrova	Novel N ⁴ -alkylcytidines as promising antimicrobial agents
6.	E.G. Karimli	Study of the essential oil fraction from Ferula persica
7.	E. Garayev	Research of hepatotropic biologically active substances
8.	E. A. Garayev	In silico prediction of trinitro and triamine tropic acid
		derivatives, their <i>in vitro</i> and <i>in vivo</i> studies
9.	Z.Kh. Sandybaeva	Technology for obtaining cellulose from seed husks and milky
4.0	0.0.1	juice of Ferula Ferula assa-foetida L.
10.	O. Smirnova	Chemo-enzymatic synthesis of new ribavirin analogs
11.	K.M. Turdybekov	Isolation and crystal structure of 8α,14-dihydroxy-11,13-
10	I N 771	dihydromelampolide
12.	L.N. Zibareva D.N. Olennikov	Novel flavonoid from Serratula cupuliformis
13.	D.N. Olennikov	New coumarins of wild and cultivated <i>Apiaceae</i> plants of <i>Siberia</i>
14.	N.I. Kashchenko	New acylated C,O-glycosylflavones and ethyl phenol
.		glucosides from Cucumis sativus
15.	Y.Z. Khazimullina	Catalytic oxidation of 6-methyluracil
16.	E.V. Davletshin	Adducts of natural triterpenoid acids with mitochondria-
		targeted cationic compound f16, promising as new anticancer
		drugs
17.	L.M. Zakirova	An approach to the oxo-, epoxy- and hydroxy-derivatives of
		2 <i>E</i> -benzylidene-24-nor-allobetulin
18.	V.V. Kraynik	Antioxidant activity of Pinus sylvestris and Pinus sibirica
		needles extracts
19.	Z.M. Muldakhmetov	Synthesis of (1S,9ar)-1-[(1,2,3-triazol-1-yl)methyl]octahydro-
		1H- quinolizines from alkaloid lupinine
20.	A.E. Zakirova	(TetrahydroxyethyL-1,4-naphthoquinonyl)oxy-urea –
21	NGD	metabolites of the drug histochrome
21.	N.S. Remetova	Development of a dosage form - gel based on extract of
22.	I.A. Aleksakhina	Xanthium strumarium L.
23.	O.N. Zhavoronkova	Synthesis of new benzimidazole nucleosides Synthesis of new purine nucleosides – analogues of adenosine
23.	O.IN. Zhavululikuva	receptor agonists
24.	D.V. Eroshenko	The cytotoxical properties of oleanane aldehyde-β-enone
∠¬.	D. V. El Ushchku	against doxorubicin-resistant cancer cells
25.	I.U. Nasirli	Study of the alkaloid composition of the roots of the plant
25.	1.0.1 (45)111	Thalictrum minus 1. from the flora of Azerbaijan
26.	M.A. Zakharova	Ligand synthesis for targeted degradation of SARS CoV-2
		NSP14
27.	J.N. Kalatskaja	Growth and biochemical characteristics of winter wheat seedlings
	y	after seed treatment with conjugate chitosan-caffeic acid
28.	E.A. Zorina	Chemical synthesis of 2-aminobenzimidazole 3'-deoxyriboside
29.	A. Mechshanova	Studying the qualitative composition of substances obtained
		from poplar buds by extraction and barothermic methods

* The first authors are listed. All authors are listed in the Abstract book

30.	E.L. Akhmedov	Interaction of tetra-µ-formiato-dimolybdenum monohydrate
31.	M. Huan	with a polydentate donor base Study of biochemically active components of <i>Tamaricaceae</i>
51.	Wi. Huan	family
32.	A.F. Miftakhova	Development of highly efficient Kazakhstan's herbal medicinal
		substances with antiviral activity against covid-19 and similar
		viral infection
33.	M.M. Ibrayeva	Comparative acidic combination analysis of some species of
		Asteraceae family
34.	M. Huan	Chemical research of the genus <i>Myricaria</i> (I)
35.	S.M. Turaeva	Means for protecting leguminous crops and grain products from
36.	S.M. Turaeva	pests Allelopathy of some essential oil plants from Uzbekistan
30. 37.	E.R. Kurbanova	Influence of growing Astragalus xanthomeloides on the
31.	E.K. Kui ballova	elemental composition in the conditions of Tashkent city
38.	E.R. Kurbanova	Growing an endemic plant Astragalus babatagi in the
		conditions of Tashkent city
39.	P.Nurmakhmadova	Toxic effect of Achillea millefolium essential oils on tuta
		absoluta meyrick larvae
40.	D.S. Ismailova	Relaxant activity of the 4-amino-5-(2-aminophenyl)-2,4-
	C 3 4 70	dihydro-3H-1,2,4-triazolo-3-thione
41.	S.M. Turaeva	Evaluation of insecticidal potential of 1,3,4-oxadiazol-2-thions
42. 43.	P. Nurmakhmadova N.M. Mamatkulova	Biological activity 2 alkylthio-5-amino-1,3,4-thiadiazoles
43.	N.M. Mamatkulova	Chemical composition of the unsaponifiable fraction plant <i>Adonis turkestanica</i>
44.	N.O. Panaeva	Growth-stimulating effect of the amount of neutral substances
	1 (10) I unuc vu	cotton leaves line t-104
45.	R.P. Zakirova	Obtaining of callus tissue Ajuga turkestanica (rgl.) Briq. and
		study its antifungal activity
46.	R.P. Zakirova	Composition based on the growth regulator floroxan with
		glycyrrhizic acid for cotton growth
47.	A. Egamberdiev	Ontogenesis of <i>Ajuga turkestanica</i> (regel) brig.
48.	A. Egamberdiev	Generative period of <i>Ajuga turkestanica</i> (regel) brig
49. 50.	A. Egamberdiev A. Egamberdiev	Productivity of Ajuga turkestanica (regel) brig. seeds Distribution, raw material reserve and phytocenology of Ajuga
50.	A. Egamberulev	turkestanica (regel) brig.
51.	L.N. Ashurova	Oleanolic acid from <i>Dipsacus azureus</i>
52.	L.N. Ashurova	The structure of sapolide from the aerial part of the <i>Saponaria</i>
		officinalis
53.	Yu.R. Mirzaev	Evaluation of the effect on arecoline tremor of the vincanine
		alkaloid and its pirazoline derivative, under experimental
	T. D. M.	conditions
54.	Yu.R. Mirzaev	Comparative pharmacological activity of the vincanine alkaloid
55.	S.D. Rakhimboev	and its pirazoline derivative in a single administration Neurotropic activity of 5-(p-aminophenyl)-4-amino-1,2,4-
33.	S.D. Kakiiiiibuev	Neurotropic activity of 5-(p-aminophenyl)-4-amino-1,2,4-triazole-3(2H) - thione potassium salt
56.	I.T. Abdinazarov	Evaluation of the effect of the extract obtained by sawing and
50.		drying the seeds of technical grape varieties on the performance
		of experimental animals.
57.	Z.I. Sanoev	Research of psychopharmacological activity of 1-(4-
		methoxyphenyl)-6,7-dimethoxy-1,2,3,4- tetrahydroisoquinoline
58.	S.Z. Rashidov	Comparative acute toxicity of derivatives with 1,3,4-
50	V D M'	oxadiazole-2-thione nucleus
59.	Yu.R. Mirzaev	Prospects of using Circumba salsa (c.a. may) beek
60.	A.B. Bazarbaeva	Prospects of using Cistanche salsa (c.a.mey) beck.

		(orobanchaceae) in medicine
61.	R.M. Ruzibaeva	Trachelantic acid from rindera <i>Oblongifolia</i> M.Popov
62.	R.M. Ruzibaeva	Biological activities of alkaloids from <i>Rindera oblongifolia</i>
63.	U.B. Mamarozikov	Growth-promoting activity of <i>Allium cepa</i> extract
64.	T.T. Toshmurodov	Heterocyclization of 2-alkylthio-1,3,4-thiadiazole-5-
		phenylthioureas with malonic acid
65.	A.A. Ziyaev	Synthesis of N-(R-phenyl)-(4,5-diphenyl-1,2,4-triazol-3-
	·	ylthio)acetohydrazones and their cytotoxic activity
66.	O.K. Askarova	Flavonoids of the aerial part of Perovskia angustifolia
67.	O.K. Askarova	Component composition and antimicrobial activity of
		Perovskia botschantzevii essential oil
68.	E.Kh. Botirov	Components of essential oil and phenolic compounds of
	~	Lophanthus schtschurowskianus
69.	L.A. Sharipova	IR-spectroscopic analysis of the complex compound of zinc
70		nitrate with benzamide
70.	F.A. Zulpanov	Synthesis of novel mono-substituted triazine, containing a
71	E A 7-1	farmacophoric quinazoline ring
71. 72.	F. A. Zulpanov Z.I. Ibodullaeva	Targeted synthesis of 3-alkyl-6-nitrobenzopyrimidin-4-ones
73.	R.Yu. Milusheva	Synthesis and properties of chitosan citrate <i>Bombyx mori</i> Electrospinning of nanofibers from <i>Bombyx mori</i> chitosan
13.	K. I u. Miliuslieva	solutions
74.	V.N. Rakhmanova	UV-spectroscopic chitosan sulfate <i>Bombyx mori</i> studies
75.	T.Sh. Khushatov	Ferula tadshikorum (Apiaceae) root stocks on Babatag
76.	M. T. Muradov	Components of the aerial part of Scutellaria oxystegia
77.	Z.J. Pulatova	Synthesis of the novel hydrazones based on 2-
		hydrazinobenzoxazoles and their inhibition activity
78.	Z.J. Pulatova	Targeted synthesis of hydrazides, containing a pharmacophoric
		- benzoxazole cycle
79.	T.N. Kaipnazarova	Triterpenoids from the plant Astragalus transoxanus
80.	D.T. Asilbekova	Fatty acids and essential oils from aerial part of Ferule
	~- ~- ~	kyzylkumica - an endemic plant of Uzbekistan
81.	Sh.Sh. Solijonov	Raw materials of <i>Ammothamnus lehmannii</i> in Kizilkum
82.	Kh.I. Khasanova	Chemical components of Ferula lapidosa
83.	D.A. Narbutaeva	On the antioxidant properties of <i>Caper buds</i> extract
84.	D.K. Mutalova	Definition of stevioside in <i>Stevia rebaudiana</i> samples by high performance chromatography
85.	R.A. Botirov	Extraction process of skimmianine alkaloid from <i>Haplophyllum</i>
05.	K.A. Duniuv	perforatum plant
86.	B.S. Okhundedaev	Component composition of essential oil Senecio subdentatus
00.	Dist ominiment	flora of Uzbekistan
87.	V.N. Akhmedov	Study of termitocidal properties of <i>Inula britannica</i> , <i>Inula</i>
		helenium, Inula grandis plant extracts
88.	D.E. Dusmatova	Cytotoxic activity of sesquiterpene lactone britanin from <i>Inula</i>
		britannica
89.	E. Mukhammadiev	Metabolites' composition of Stachys hissarica
90.	N.Z. Mamadalieva	Metabolomic profiling of Silene species using UHPLC-MS
0.4	N. 7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	analysis
91.	N.Z. Mamadalieva	Metabolomic profiling and biological activities of Ferula
02	D A Nambutaawa	foetida using uhplc-ms and gc-ms analysis
92.	D.A. Narbutaeva	Biological activities of flavonoid sum isolated from <i>Crocus</i> sativus
93.	S.S. Saidov	Synthesis and crystal structure of interaction products of 2-
73.	D.D. Daiuv	methoxycarbonylamino-benzimidazole and propionic acid
94.	S.S. Saidov	Synthesis of benzo[4,5]Imidazo[2,1-B]quinazolin-12(5h)-one
95.	E.O. Rakhmatov	Mefosin 25% aq.sol. is an effective herbicide composition
		0

96.	U.Kh. Kurbanov	Plant protein composition of <i>Delphinium paradoxun</i> and <i>Delphinium ajacis</i>
97.	U.Kh. Kurbanov	New C20-diterpen alkaloid from <i>Delphinium paradoxun</i>
97. 98.	Sh.N. Madrakhimov	Creating of the composition and technology of suppositories
90.	SII.IV. Maurakiiiiiuv	based on the estrogen active tefestrol
99.	J.F. Umaraliev	Phytochemical investigation of <i>Artemisia persica</i> from the flora
<i>))</i> .	J.F. Umaranev	of Uzbekistan
100	Sh.B. Rakhimov	Bromination of triacanthine
	Sh.B. Rakhimov	Benzylation of triacanthine
	S.S. Narzullaev	Steroid glycoside from <i>Silene tomentella</i>
	F.R. Egamova	Total ecdysteroid-containing and flavonoid-containing
100.	Titti Egumo i u	substances from plants of Uzbekistan, the possibility of their
		practical use in medicine
104.	J. Abdurakhmanov	Clonning of recombinant plasmid ppiczαa-tp, encoding the
		thymidine phosphorylase in <i>Pichia pastoris</i> yeast
105.	S.A. Sasmakov	Clonning of recombinant plasmid ppiczaa-pnp, encoding the
		purine nucleoside phosphorylase (pnp) in <i>Pichia pastoris</i>
106.	O.A. Abdullajanov	Phenolic compounds and flavonoids from the Artemisia
	U	porrecta
107.	T.Sh. Khushatov	Introduction of Siline viridiflora L. in Uzbekistan
108.	S.S. Narzullaev	A machine learning study of the anabolic activity of ecdysteroids
109.	Sh.A. Ergasheva	Analysis of the aerial part of Scutellaria comosa prepared raw
		material
	D.R. Siddikov	Chemical components of <i>Delphinium semibarbatum</i> flowers
111.	D.R. Siddikov	Phenolic compounds of the aerial part of Pelargonium
		hortorum
	Q.S. Juraev	Furocoumarins from Ferula lehmanii
	Q.S. Juraev	Chemical components of Ferula tadshikorum
114.	E.Kh. Khalilova	Chemical composition <i>Ferula tadshikorum</i> of the flora of Uzbekistan
115.	N.G. Nurillaeva	Synthesis of new 1,2,3-triazole derivatives based on oxalic acid
		dipropargyl ester
116.	I.S. Ortikov	Catalytic synthesis of 1,4-disubstituted 1,2,3-triazoles based on
		ortho-propargyloxybenzaldehyde and some aromatic azides
	M.I. Olimova	Amidoalkylation of 6H(bromo, chloro)-benzoxazolin-2-ones
	M.I. Olimova	Synthesis of 5-chlorosulfonyl-n-propylbenzoxazoline sulfonamides
119.	A.I. Sanoev	Optimal time for harvesting licorice roots for the production of
		glabridine and the place of collection from the territory of
100	75 A 771 AN	Uzbekistan
120.	T.A. Khajibaev	Method for obtaining the substance "dry extract tribulus" with a
101	D I/ M4-1	residual amount of butanol less than 1 ppm
121.	D.K. Mutalova	Step-by-step production control "dry extract tribulus" from the
122	M. Mamatkhanova	aerial parts of <i>Tribulus terrestris</i> Extremous impurities of tenestral substance
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