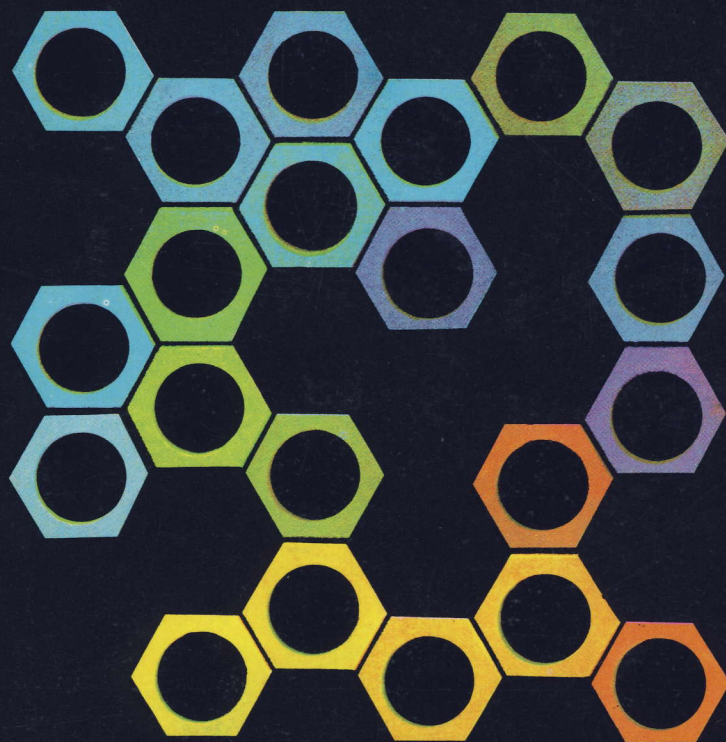




Catalogue of radioactive products 1985/86

^3H , ^{14}C , ^{32}P and ^{125}I Labelled Compounds



INSTITUTE OF ISOTOPES
OF THE HUNGARIAN ACADEMY OF SCIENCES

The Institute of Isotopes of the Hungarian Academy of Sciences was founded in 1959.

Besides fundamental and applied research carried out in almost all the fields of nuclear sciences, the Institute has extended its activities to

- the production of radioisotopes, labelled organic and inorganic compounds, including radiopharmaceuticals,
- the application of labelled compounds and ionizing radiation in science and technology.

The rapid increase of the quantity and the good quality of the radioactive products of the Institute made it possible to export them to research institutes, universities, industrial laboratories, hospitals, clinics etc.

The exportation started in 1961.

Our radiochemical products and services together with those of

- Frederic Joliot-Curie National Research Institute for Radiobiology and Radiology (Budapest)
 - National Office of Measures (Budapest)
 - Isotope Laboratory of "Kossuth Lajos" University (Debrecen)
- are summarized in three catalogues:

1. Radiochemicals and Radiopharmaceuticals

In Vivo Kits

Radioimmunoassay Kits

Simulated $^{99}\text{Tc}^m$ and ^{131}I Sources

Applicators (Medial Radiation Sources)

Reactor Irradiation

2. Labelled Compounds (^3H , ^{14}C , ^{32}P and ^{125}I)

3. Radiation Sources

Reference Materials

Standard Solutions

Gamma Irradiation

You are holding one of them in your hand. We do hope you find what you want. If not, please contact us. Our specialists will do their best to help you solving your problems.

Our products are delivered:

- in Hungary by IZINTA Isotope Trading Enterprise
(a Subsidiary of the Institute of Isotopes)
- abroad by the PHARMATRADE Hungarian Trading Company

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Labelled Compoundssee below
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³ H		¹⁴ C		¹⁴ C		³² P		¹²⁵ I	
Code	Page	Code	Page	Code	Page	Code	Page	Code	Page
HT-6	19	CC-2	15	CC-184	24	FP-101	16	I-JC-11	33
HT-14	29	CC-4	15	CC-185	38	FP-102	24	I-JC-12	26
HT-19	36	CC-5	15	CC-186	28	FP-103	19	I-JC-14	27
HT-26	17	CC-9	15	CC-187	29	FP-104	20	I-JC-15	26
HT-30	31	CC-11	15	CC-188	30	FP-105	20	I-RBO-1	36
HT-36	23	CC-19	15	CC-189	30	FP-106	35	I-RBO-2	36
HT-38	26	CC-24	16	CC-191	34	FP-107	16	I-RBO-4	36
HT-40	28	CC-32	18	CC-192	34	FP-108	24	I-RBO-5	37
HT-41	29	CC-38	18	CC-195	34	FP-109	19	I-RBO-6	21
HT-42	37	CC-44	19	CC-220	17	FP-110	38	I-RBO-7	21
HT-45	39	CC-48	21	CC-222	17	FP-201	16	I-RBO-9	27
HT-46	16	CC-60	22	CC-223	18	FP-202	24	I-RBO-11	26
HT-52	38	CC-62	23	CC-229	26	FP-203	19	I-RBO-12	31
HT-56	34	CC-63	23	CC-237	30	FP-204	20	I-RBO-13	33
HT-57	15	CC-65	23	CC-240	29	FP-205	20	I-RBO-15	32
HT-58	15	CC-81	24	CC-241	29	FP-206	35	I-RBO-17	34
HT-64	19	CC-82	24	CC-245	39	FP-207	16	I-RBO-18	21
HT-70	29	CC-88	27	CC-251	27	FP-208	24	I-RBO-19	27
HT-71	31	CC-92	28	CC-252	34	FP-209	19	I-RBO-20	21
HT-72	18	CC-105	30	CC-260	17	FP-210	38	I-RBO-21	36
HT-73	33	CC-106	30	CC-273	28	FP-301	16	I-RBO-23	31
HT-74	28	CC-113	31	CC-274	29	FP-302	24	I-RBO-24	27
HT-75	28	CC-117	32	CC-275	30			I-RBO-25	34
HT-76	28	CC-127	34	CC-278	17			I-RBO-27	26
HT-78	30	CC-128	35	CC-279	18			I-RBO-28	22
HT-79	20	CC-133	37	CC-280	23			I-RBO-29	35
HT-80	37	CC-134	37	CC-281	26			I-RBO-30	19
HT-81	37	CC-136	37	CC-282	18			I-RBO-31	22
HT-82	22	CC-137	38	CC-283	27			I-RBO-33	31
HT-85	21	CC-138	38	CC-284	17				
HT-86	28	CC-139	38	CC-285	20				
HT-87	33	CC-145	23	CC-286	37				
HT-88	36	CC-146	31	CC-288	30				
HT-90	17	CC-148	33	CC-289	20				
HT-92	32	CC-153	17	CC-290	23				
HT-94	33	CC-156	21	CC-291	36				
HT-97	26	CC-157	31	CC-299	22				
HT-200	32	CC-160	22						
HT-201	32	CC-161	22						
HT-202	33	CC-166	23						
HT-203	32	CC-167	33						
HT-205	22	CC-168	35						
HT-207	27	CC-169	36						
HT-208	21	CC-170	35						
HT-209	35	CC-171	35						
HT-210	32	CC-175	16						
HT-211	20	CC-176	18						
HT-212	32	CC-178	18						

GENERAL INFORMATION

The radioactive products are supplied via

PHARMATRADE

Hungarian Trading Company

H-1367 Budapest, POB 126.

Telex: 226650

Telephone: 185-966

Please address your orders to this firm. If possible our catalogue number should be given with short description of the item, first of all-activity.

The catalogue number shows which of the following firms is the producer:

HT: Institute of Isotopes

CC: Institute of Isotopes

FP: Institute of Isotopes

I-JC: Frederic Joliot-Curie National Research Institute

I-RBO: Institute of Isotopes

In special matter you can turn directly to the Institute of Isotopes of the Hungarian Academy of Sciences and to its commercial organization

IZINTA Isotope Trading Enterprise

Hungary

H-1525 Budapest, POB 77.

Telex: 225360 izot h

Telephone: 695-076

Deliveries are always performed at dates bound by contract.

The day of delivery is usually cabled or telexed to the Customer 5 days in advance.

NOTES

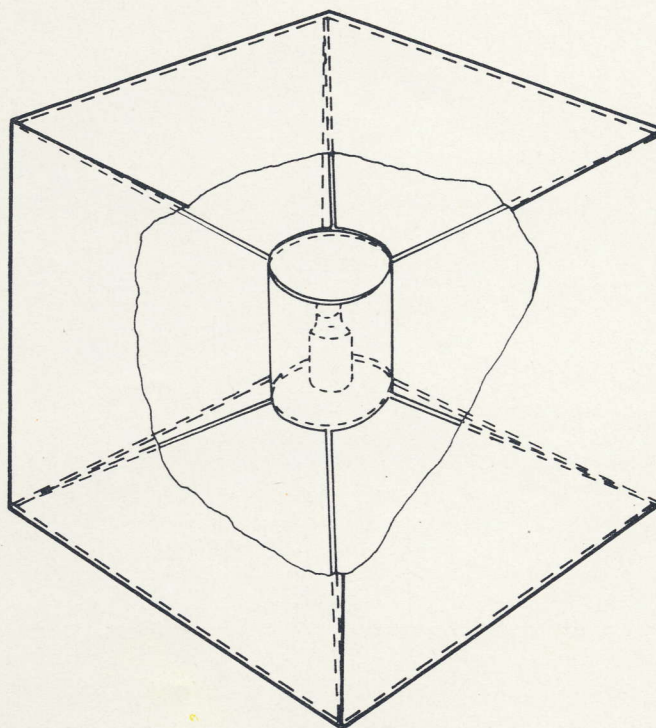
Shipping is usually realized as air-freight.

Most of our products are packed in type "A" packaging that is in cardboard boxes using distance protection.

(Lead shielding is used inside if necessary.)



For packaging screw cap vials or sealed ampoules carefully packed in hard polystyrene foam in a metal can are used.



Products listed in this catalogue are generally prepared with higher specific activities than in the past, according to requirements of our customers.

Inquiries are also welcome for compounds not listed here or for larger amounts than the standard quantities.

If you have special questions, please consult us. Our staff will help you to solve your problems.

The specific activity of the labelled compounds is determined mostly by liquid scintillation spectrometric technique. In a few cases ionization chambers and proportional gas counting are used.

The *radiochemical and chemical purity* of products are determined by a wide variety of analytical methods of which thin layer, paper and gas chromatography, infrared, ultraviolet spectroscopy and reverse isotope dilution analysis are regularly employed.

The radiochemical purity of the labelled compounds is better than 97.5%.

In order to diminish decomposition caused by the self-irradiation many products are supplied in solution.

Radiochemicals are available from stock or are delivered in two to four weeks.