



**Pharm
Sintez.Lab**

КАТАЛОГ ПРОДУКЦИИ

2017



ON-LINE CATALOG: www.labphs.com

Pharm-Sintez.Lab is a leading innovative company in the field of nuclear medicine, product development, custom peptide synthesis and chemical pharmaceutical technologies.

- Chemical substances
- Pepides
- Radiopharmaceuticals (kits)
- PET Precursors
- Pharmaceutical impurities





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CUSTOM PEPTIDE SYNTHESIS

Pharm-SynteZ.LAB is a leading company that has a substantial, long-standing expertise in custom peptide synthesis services, providing custom peptides with highest quality for even complex or unusual peptide sequences. We apply only latest technologies and methods for peptide synthesis, and each purified peptide is analyzed using a variety of different methods:

HPLC / UHPLC / GC / LC-MS

We are able to successfully synthesize both small amount of peptides (e.g. 10 or 25 mg), as well as larger amount (up to 100 gm). Additionally, we also have the capability to perform a wide variety of chemistries, such as: solid phase peptide synthesis, solution phase synthesis, small molecule synthesis and high throughput synthesis. Our technologies allow us to deliver high quality peptide synthesis services with a success rate more than >98%.

Pharm-SynteZ.LAB has a long history offering successful peptide synthesis services to our customers. Our expertise will be able to answer all of your questions at any time of the process. As we pay close attention to the quality of our work, the control data, product characteristics and certificate of synthesis will be always provided to you.

ANALYTICAL RESEARCH SERVICES

We offer a wide range of established techniques for peptide and small molecule analyses. Our methods of analyses:

HPLC / UHPLC / GC / LC-MS / NMR

Spectrophotometry / polarimetry / viscometry / laser diffractometry / titration

Apart from standard analytical methods our qualified specialists are experts in radiopharmacy, which allows us to conduct research and evaluation of radiopharmaceutical products that are based on different radio-nuclides: ⁶⁸Ga, ^{99m}Tc, ¹¹¹In, ¹⁷⁷Lu, ¹⁸⁸Re

Quality control of ready radiopharmaceuticals is made on the bases of:

activity of γ -ray and β -ray emission radionuclides / pH / pharmaceutical identification

With our qualification, extensive knowledge of regulating policies and standards, qualified specialists in chemistry, physics and microbiology we guarantee our customers high standard performance.

Our strong reputation and long-term cooperation with local and international pharmaceutical industries and research institutions makes PharmSintez.Lab a leading chemistry-based company offering custom synthesis services.

CHEMICAL SYNTHESIS

Our advanced technical facilities allow us to perform complex multi-step organic and inorganic syntheses, offering our customers a wide range of compounds. We are able to offer compound of all stages of chemical syntheses, including target and reference compounds, specialized reagents, combinatorial building blocks, and other compounds of interest.

The quality of our products meets high international standards and is confirmed by established quality control analyses.

HPLC / UHPLC / GC / LC-MS / NMR

IR / Polarimetry

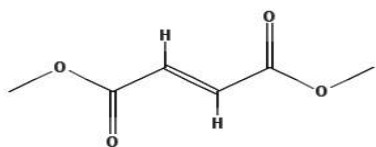




CHEMICAL SUBSTANCES

DIMETHYL FUMARATE

[h-310]



Chemical Formula: $C_6H_8O_4$

Chemical Name: **Dimethyl fumarate**

FW(weight): **144.126**

CAS Number: **624-49-7**

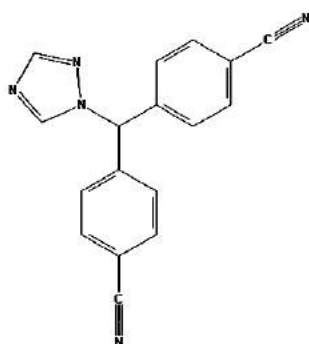
Purity: **>95%**

Size: **1 mg**

Application: **Multiple sclerosis**

LINEZOLID

[h-303]



Chemical Formula: $C_{16}H_{20}FN_3O_4$

Chemical Name: **Linezolid**

FW(weight): **337.351**

CAS Number: **1658000-03-3**

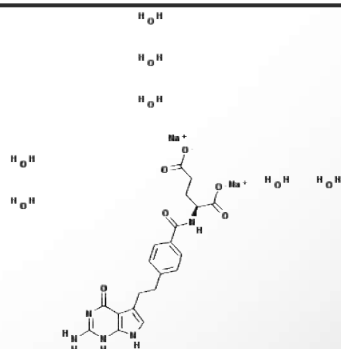
Purity: **>95%**

Size: **1 mg**

Application: **Treatment of infections caused by Gram-positive bacteria**

PEMETREXED

[h-307]



Chemical Formula: $C_{20}H_{33}N_5Na_2O_{13}$

Chemical Name: **Pemetrexed Disodium Heptahydrate**

FW(weight): **597.486**

CAS Number: **150399-23-8**

Purity: **>95%**

Size: **1 mg**

Application: **Treatment of pleural mesothelioma and non-small cell lung cancer**

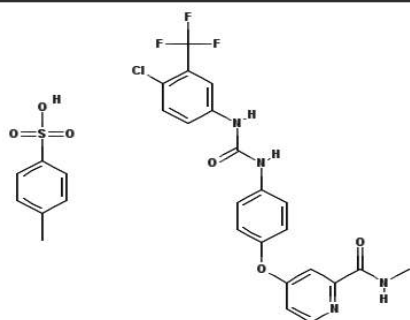




CHEMICAL SUBSTANCES

SORAFENIB TOSYLATE

[h-306]

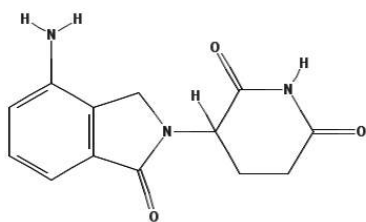


Chemical Formula: $C_{28}H_{24}ClF_3N_4O_6S$
Chemical Name: **Sofarenib tosylate**
FW(weight): **637.027**
CAS Number: **475207-59-1**
Purity: **>95%**
Size: **1 mg**

Application: **Treatment of primary kidney cancer and liver cancer**

LENALIDOMID

[h-302]

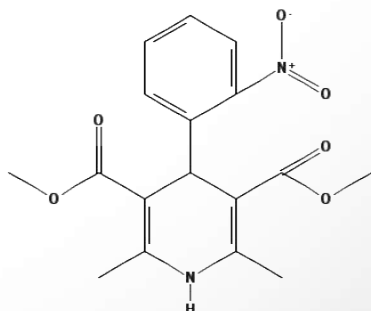


Chemical Formula: $C_{13}H_{13}N_3O_3$
Chemical Name: **Lenalidomid**
FW(weight): **259.265**
CAS Number: **191732-72-6**
Purity: **>95%**
Size: **1 mg**

Application: **Treatment of primary kidney cancer**

NIFEDIPINE

[h-314]



Chemical Formula: $C_{17}H_{18}N_2O_6$
Chemical Name: **Nifedipine**
FW(weight): **346.339**
CAS Number: **21829-25-4**
Purity: **>95%**
Size: **1 mg**

Application: **Treatment of Prinzmetal's angina and severe high blood pressure**

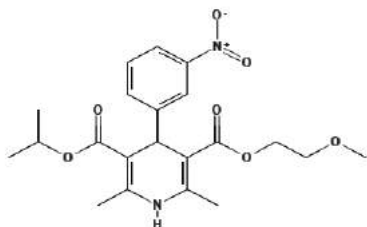




CHEMICAL SUBSTANCES

NIMODIPINE

[h-315]



Chemical Formula: $C_{21}H_{26}N_2O_7$

Chemical Name: **Nimodipine**

FW(weight): **418.446**

CAS Number: **66085-59-4**

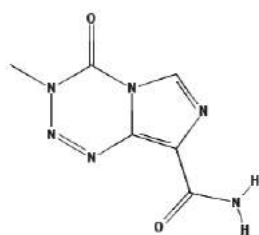
Purity: **>95%**

Size: **1 mg**

Application: **Preventing a major complication of subarachnoid hemorrhage**

TEMOZOLOMIDE

[h-316]



Chemical Formula: $C_6H_6N_6O_2$

Chemical Name: **Temozolomide**

FW(weight): **194.154**

CAS Number: **85622-93-1**

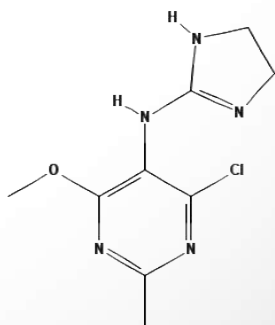
Purity: **>95%**

Size: **1 mg**

Application: **Treatment of brain cancer, astrocytoma and glioblastoma**

MOXONIDINE

[h-301]



Chemical Formula: $C_9H_{12}ClN_5O$

Chemical Name: **Moxonidine**

FW(weight): **241.68**

CAS Number: **75438-57-2**

Purity: **>95%**

Size: **1 mg**

Application: **Treatment of essential hypertension**

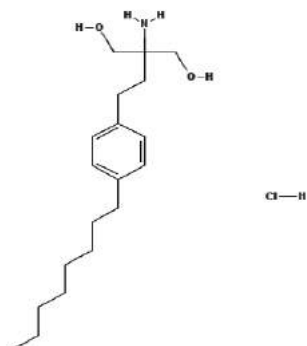




CHEMICAL SUBSTANCES

FINGOLIMOD

[h-305]



Chemical Formula: $C_{19}H_{34}ClNO_2$

Chemical Name: **Fingolimod**

FW(weight): **343.936**

CAS Number: **162359-56-0**

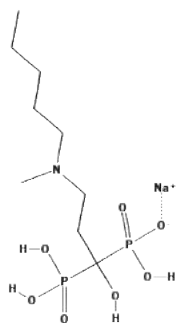
Purity: **>95%**

Size: **1 mg**

Application: **Treatment of multiple sclerosis**

IBANDRONATE

[h-314]



Chemical Formula: $C_9H_{22}NNaO_7P_2$

Chemical Name: **Ibandronate sodium salt**

FW(weight): **341.212**

CAS Number: **138844-81-2**

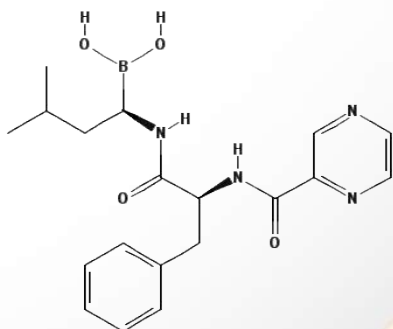
Purity: **>95%**

Size: **1 mg**

Application: **Prevention and treatment of metastasis-associated skeletal fractures**

BORTEZOMIB

[h-311]



Chemical Formula: $C_{19}H_{25}BN_4O_4$

Chemical Name: **Bortezomib trimeric boroxine**

FW(weight): **284.243**

CAS Number: **179324-69-7**

Purity: **>95%**

Size: **1 mg**

Application: **Treatment of cancer**

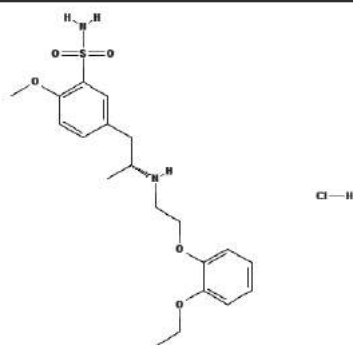




CHEMICAL SUBSTANCES

TAMSULOSIN

[h-312]

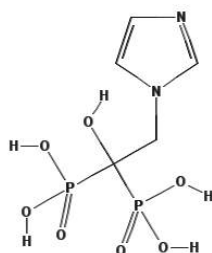


Chemical Formula: $C_{20}H_{29}ClN_2O_5S$
Chemical Name: **Tamsulosini hydrochloridum**
FW(weight): **444.971**
CAS Number: **106463-17-6**
Purity: **>95%**
Size: **1 mg**

Application: **Treatment of benign prostatic hyperplasia**

ZOLEDRONIC ACID

[h-313]

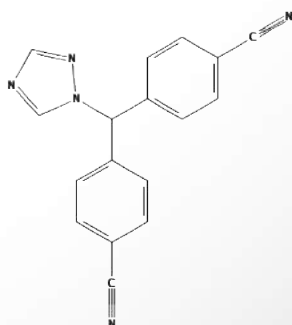


Chemical Formula: $C_5H_{10}N_2O_7P_2$
Chemical Name: **Zoledronic acid**
FW(weight): **272.09**
CAS Number: **118072-93-8**
Purity: **>95%**
Size: **1 mg**

Application: **Treatment of osteoporosis and bone complications of cancer**

LETROZOLE

[h-309]



Chemical Formula: $C_{17}H_{11}N_5$
Chemical Name: **Letrozole**
FW(weight): **285.31**
CAS Number: **112809-51-5**
Purity: **>95%**
Size: **1 mg**

Application: **Treatment of hormonally-responsive breast cancer**

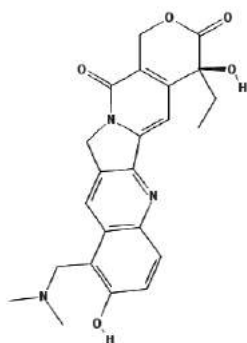




CHEMICAL SUBSTANCES

TOPOTECAN HYDROCHLORIDE

[h-308]



Cl—H

Chemical Formula: $C_{23}H_{24}ClN_3O_5$

Chemical Name: **Topotecan Hydrochloride**

FW(weight): **457.911**

CAS Number: **119413-54-6**

Purity: **>95%**

Size: **1 mg**

Application: **Treatment of ovarian cancer, lung cancer and other forms of cancer**

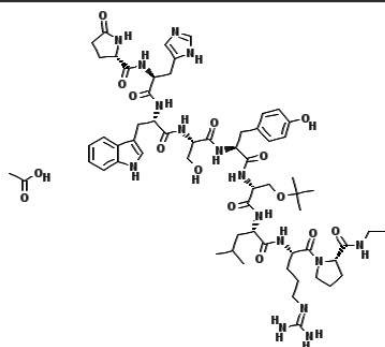




PEPTIDES

BUSERELIN

[p-104]



Chemical Formula: $C_{62}H_{90}N_{16}O_{15}$

Chemical Name: **Buserelin Acetate**

FW(weight): **1299.499**

CAS Number: **57982-77-1**

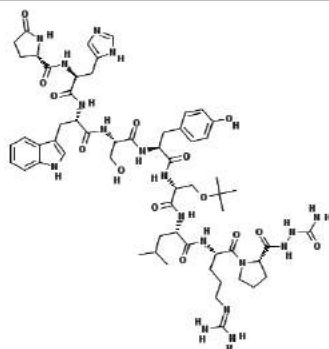
Purity: **>95%**

Size: **1 mg**

Application: **Treatment of prostate cancer or breast cancer**

GOSERELIN

[p-103]



Chemical Formula: $C_{59}H_{84}N_{18}O_{14}$

Chemical Name: **Goserelin acetate**

FW(weight): **1269.433**

CAS Number: **65807-02-05**

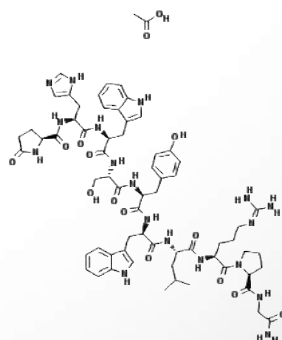
Purity: **>95%**

Size: **1 mg**

Application: **Treatment of breast and prostate cancer**

TRIPTORELIN

[p-102]



Chemical Formula: $C_{66}H_{86}N_{18}O_{15}$

Chemical Name: **Triptorelin Acetate**

FW(weight): **1371.525**

CAS Number: **140194-24-7**

Purity: **>95%**

Size: **1 mg**

Application: **Treatment of prostate cancer**



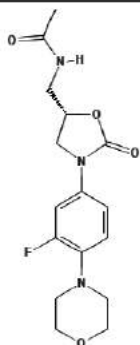


PEPTIDES



LEUPRORELIN

[p-101]

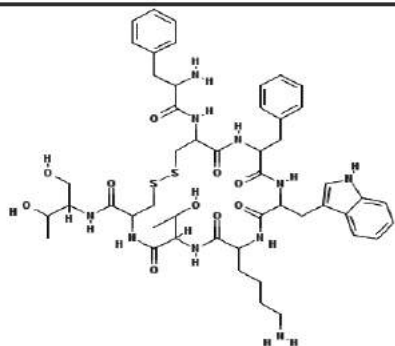


Chemical Formula: $C_{61}H_{88}N_{16}O_{14}$
Chemical Name: **Leuprorelin Acetate**
FW(weight): **1269.437**
CAS Number: **74381-53-6**
Purity: **>95%**
Size: **1 mg**

Application: **Treatment of prostate cancer, breast cancer, endometriosis**

OCTREOTIDE

[p-105]



Chemical Formula: $C_{49}H_{66}N_{10}O_{10}S_2$
Chemical Name: **Octreotide**
FW(weight): **1019.247**
CAS Number: **83150-76-9**
Purity: **>95%**
Size: **1 mg**

Application: **Treatment of growth hormone producing tumors**

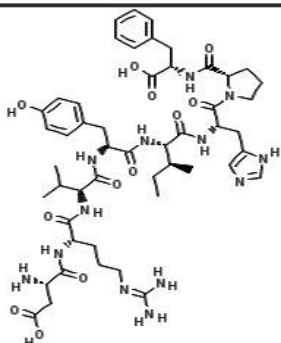




PHARMACEUTICAL

BUSERELIN IMPURITIES

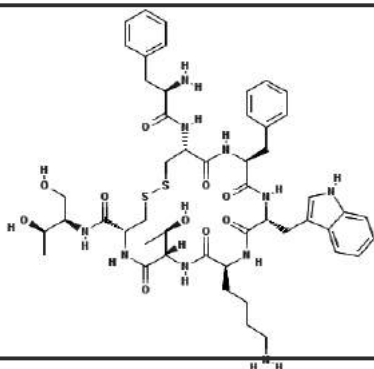
[f-402]



Application:

OCREOTIDE IMPURITIES

[f-401]



Application:

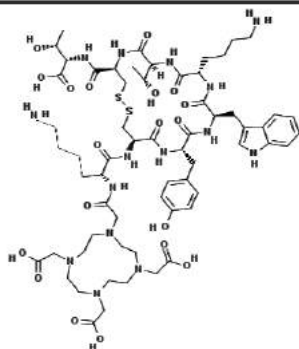




PET PERSECUSORS

DOTA- α -Lys-octreotide

[r-206]



Chemical Formula: $C_{62}H_{93}N_{15}O_{19}S_2$

Chemical Name: **DOTA- α -Lys-octreotide**

FW(weight): **1415.6**

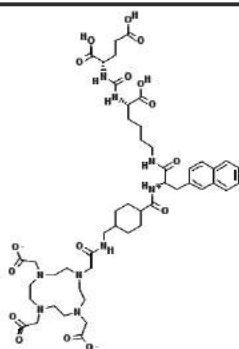
Purity: **>98%**

Size: **1 mg**

Application: **Diagnosis and therapy of neuroendocrine tumors**

PSMA-617

[r-202]



Chemical Formula: $C_{49}H_{71}N_9O_{16}$

Chemical Name: **PSMA-617**

FW(weight): **1042.1**

CAS Number: **No**

Purity: **>95%**

Size: **1 mg**

Application: **Diagnosis and therapy of prostate cancer**





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