

Нуклеозиды, нуклеотиды и ДНК

Технические характеристики

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Ярославль (4852)69-52-93

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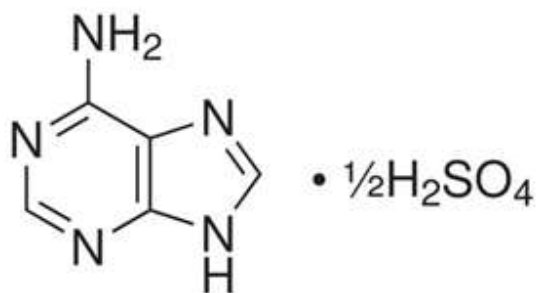
Киргизия +996(312)96-26-47

эл.почта: pva@nt-rt.ru || сайт: <https://pallav.nt-rt.ru/>

ADENINE SULPHATE 99% AR FOR DESENSITIZATION OF PHOTOGRAPHIC GELATIN

For desensitization of photographic gelatin. Adenine Hemisulfate; 1H-Purin-6-Amine; Sulfate (2:1)

Product Code.	00069	Grade	
Purity	Min. 99%	CAS No.	321-30-2
Molecular Formula	C ₅ H ₅ N ₅ ·1/2H ₂ SO ₄	Molecular Weight	184.17
H.S.Code	2933.59900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White to yellow crystalline	Melting point/ Freezing point [°C]	205 °C
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Packaging



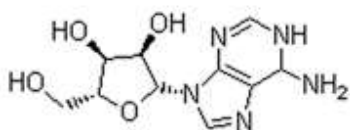
Specification

Appearance	White to Yellow crystalline powder
Assay	Min 99.0%
Loss on drying	Max 2.0%
Residue on ignition	Max 0.1%
Heavy metal (as Pb)	Max 0.001%

ADENOSINE 99% FOR BIOCHEMISTRY

Insoluble with water, hardly soluble in organic solvent Used as a substrate in determination of Adenosine deaminase D-Adenosine ; (Store at 2-8oC)

Product Code.	00070	Grade	For Biochemistry
Purity	99%	CAS No.	58-61-7
Molecular Formula	C10H13N5O4	Molecular Weight	267.25
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Melting point/ Freezing point [°C]	234 - 236 °C
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Packaging

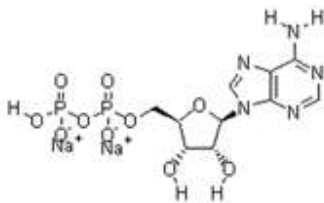


Specification

Appearance	White powder
Assay	Min 99.0%
Melting range	233 - 238°C
Heavy metal (as Pb)	Max 0.001%

ADENOSINE-5'-DIPHOSPHORIC ACID DISODIUM SALT 98% FOR BIOCHEMISTRY (A.D.P.)
ADP

Product Code.	00071	Grade	
Purity	Min. 98%	CAS No.	16178-48-6
Molecular Formula	C10H13N5Na2P2O10	Molecular Weight	471.20
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder
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Packaging



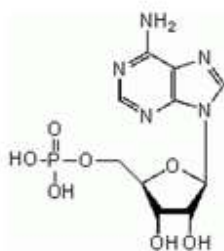
Specification

Appearance	White powder
Assay (HPLC, area%)	Min 98%
Assay (UV)	Min 90%
pH (5 % solution)	3.0 - 5.0
Water (H2O)	Max 10%

ADENOSINE-5'-MONOPHOSPHORIC ACID SODIUM SALT 95% FOR BIOCHEMISTRY

AMP

Product Code.	00072	Grade	
Purity	95%	CAS No.	4578-31-8
Molecular Formula	C ₁₀ H ₁₂ N ₅ Na ₂ O ₇ P	Molecular Weight	391.19
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Melting point/ Freezing point [°C]	300 °C				

Packaging



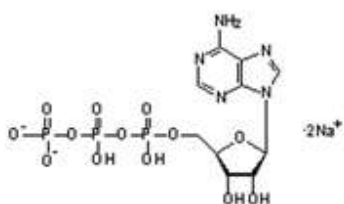
Specification

Appearance	White or almost white crystalline powder
Assay	Min 95%
Heavy metal (as Pb)	Max 0.002%
Water (H ₂ O)	Max 25%

ADENOSINE-5'-TRIPHOSPHORIC ACID DISODIUM SALT 95% FOR BIOCHEMISTRY

ATP ; (Store at -20oC)

Product Code.	00073	Grade	
Purity	Min. 95%	CAS No.	987-65-5
Molecular Formula	C10H14N5Na2O13P3	Molecular Weight	551.15
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	pH value	2.5 - 3.5
Solubility in water [% weight]	Soluble in water				

Packaging



Specification

Appearance	White powder
Assay	Min 95%
Water (H2O)	6 - 12%
pH (1% solution in water)	2.5 - 3.5

Heavy metal (as Pb)	Max 0.001%
Iron (Fe)	Max 0.001%
Chloride (Cl)	Max 0.05%

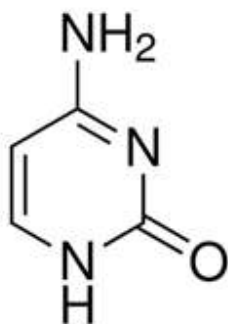
Safety Information and Hazard Symbols

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CYTOSINE 98% FOR BIOCHEMISTRY

4-Amino-2-hydroxypyrimidine

Product Code.	00927	Grade	
Purity	98%	CAS No.	71-30-7
Molecular Formula	C4H5N3O	Molecular Weight	111.10
H.S.Code	2933.59900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Melting point/ Freezing point [°C]	> 300 °C
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Packaging

Specification

Appearance	White powder
Assay	Min 98%
Heavy metal (as Pb)	Max 0.001%

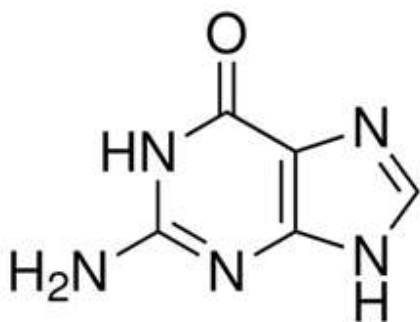
Safety Information and Hazard Symbols

Symbol: GHS07 Signal Word: Warning Hazardous Statement: H315-H319-H335 Precaution Statement: P261-P305 + P351 + P338

GUANINE 98% FOR BIOCHEMISTRY

2-Amino-6-hydroxypurine

Product Code.	01311	Grade	For Biochemistry
Purity	98%	CAS No.	73-40-5
Molecular Formula	C5H5N5O	Molecular Weight	151.13
H.S.Code	2933.59900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White to off white powder	Odour	Odorless
Melting point/ Freezing point [°C]	> 300 °C	Decomposition point [°C]	360°C		

Specification

Appearance	White to off white powder
Assay	Min 98.0%
Melting point	300°C
Ash content	Max 0.3%

Safety Information and Hazard Symbols

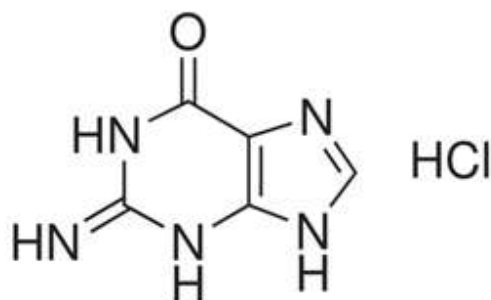


Symbol: GHS07
Signal Word: Warning
Hazardous Statement: H315-H319-H335
Precaution Statement: P261-P305 + P351 + P338

GUANINE HYDROCHLORIDE 99% EXTRAPURE

2-Amino-6-hydroxypurine hydrochloride

Product Code.	01312	Grade	
Purity	99%	CAS No.	635-39-2
Molecular Formula	C5H5N5O.HCl	Molecular Weight	187.59
H.S.Code	2933.59900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Melting point/ Freezing point [°C]	>300
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Specification

Appearance	White to yellowish crystalline powder
Assay	Min 99%
Ash content	Max 0.3%
Water (H2O)	Max 2.0%

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

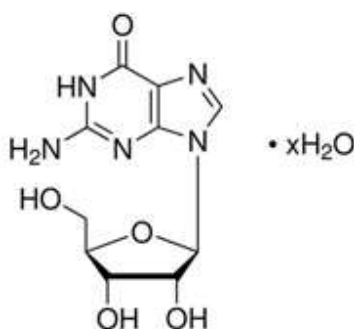
Hazardous Statement: H315-H319-H335

Precaution Statement: P261-P305 + P351 + P338

GUANOSINE 99% FOR BIOCHEMISTRY

9-(β-D-Ribofuranosyl)guanine; Guanine-9-β-D-ribofuranoside

Product Code.	01313	Grade	For Biochemistry
Purity	99%	CAS No.	118-00-3
Molecular Formula	C ₁₀ H ₁₃ N ₅ O ₅	Molecular Weight	283.25
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Melting point/ Freezing point [°C]	250 °C	Solubility in water [% weight]	Slightly soluble in water	Partition coefficient Log Pow octanol / water at 20°C	1.918

Specification

Appearance	White crystalline powder
Assay	Min 99%
Melting point	240 - 250 deg C
Water (H ₂ O)	Max 5%

Safety Information and Hazard Symbols

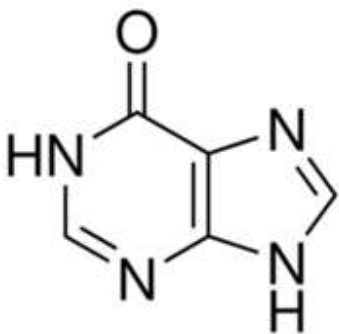


Symbol: GHS06
Signal Word: Danger
UN No.: 2811
IMCO Class No.: 6.1
Packing Group: III
Hazardous Statement: H301
Precaution Statement: P301 + P310

HYPOXANTHINE 99% FOR BIOCHEMISTRY

6-Hydroxypurine

Product Code.	01427	Grade	For Biochemistry
Purity	99%	CAS No.	68-94-0
Molecular Formula	C5H4N4O	Molecular Weight	136.11
H.S.Code	2933.59900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	Light yellow	Odour	Odorless
Melting point/ Freezing point [°C]	> 300 °C				

Packaging

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Specification

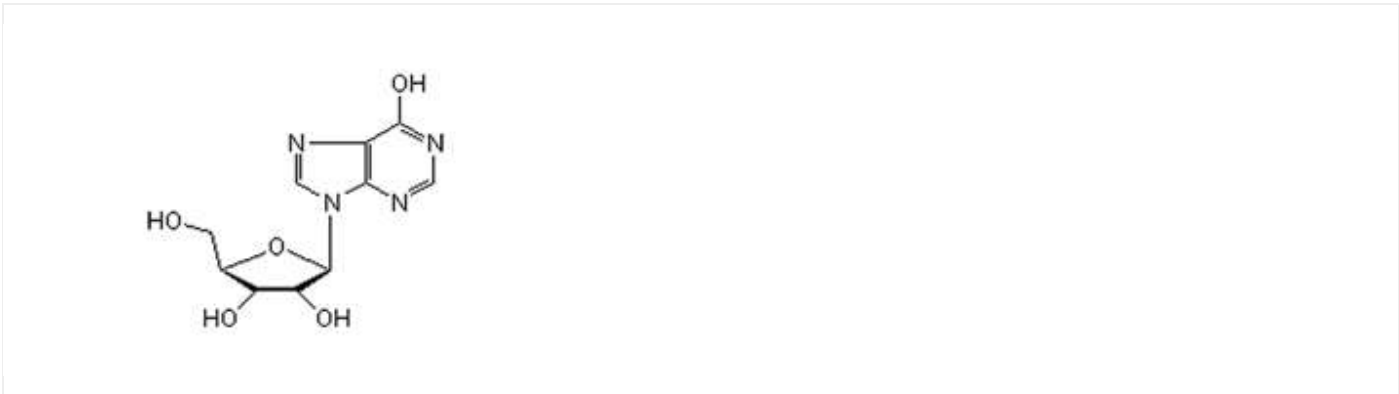
Appearance	White to off-white powder
Assay	Min 99.0%

Safety Information and Hazard Symbols

INOSINE 99% FOR BIOCHEMISTRY

(-)-Inosine; Hypoxanthine 9-β-D-ribofuranoside

Product Code.	01445	Grade	For Biochemistry
Purity	99%	CAS No.	58-63-9
Molecular Formula	C10H12N4O5	Molecular Weight	268.23
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Odour	Odorless
Melting point/ Freezing point [°C]	222 - 226 °C				

Packaging

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Specification

Appearance	White powder
Assay	Min 99.0%
Heavy metal (as Pb)	Max 0.001%

Safety Information and Hazard Symbols

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NICOTINAMIDE ADENINE DINUCLEOTIDE 95% (NAD, DPN)

Store at -20°C NAD, DPN

Product Code.	01822	Grade	
Purity	95%	CAS No.	53-84-9
Molecular Formula	C21H27N7O14P2+H2O	Molecular Weight	663.43
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline powder	Odour	Odorless
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Packaging

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Specification

Appearance	White to pale yellow powder
Assay (on anhydrous basis)	Min 95.0%
Moisture content	Max 10%
Heavy metal (as Pb)	Max 0.002%

Safety Information and Hazard Symbols

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NICOTINAMIDE ADENINE DINUCLEOTIDE PHOSPHATE SODIUM SALT 95%
NADP, TPN

Product Code.	01824	Grade	For Biochemistry
Purity	95%	CAS No.	24292-60-2
Molecular Formula	C21H26N7Na2O17P3	Molecular Weight	787.37
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White to off white powder	Odour	Odorless
Melting point/ Freezing point [°C]	175 - 178 °C	Solubility in water [% weight]	Appreciable (> 10%)		

Packaging

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Specification

Appearance	White to off white powder
Assay (UV; on anhyrous basis)	Min 95%
Water (H2O)	Max 7%
Sodium (Na)	Max 5%

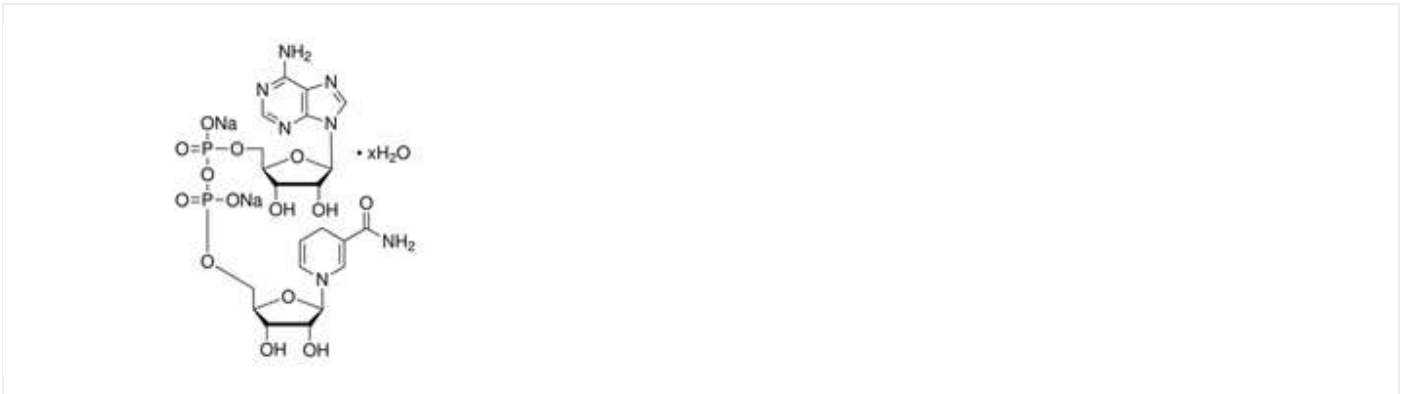
Safety Information and Hazard Symbols

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NICOTINAMIDE ADENINE DINUCLEOTIDE REDUCED DISODIUM 97%

Store at 2-8°C NADH, DPNH ; Reduced

Product Code.	01823	Grade	
Purity	97%	CAS No.	606-68-8
Molecular Formula	C21H27N7O14P2Na2+H2O	Molecular Weight	709.41
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White to slight yellow	Odour	Odorless
pH value	7 - 9	Melting point/ Freezing point [°C]	140 - 142 °C	Flash point [°C]	93.3°C
Solubility in water [% weight]	Soluble in water				

Packaging

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Specification

Appearance	White to slightly yellowish powder
Assay (UV; on anhyrous basis)	Min 97%
Heavy metal (as Pb)	Max 0.002%
Moisture content	Max 10%

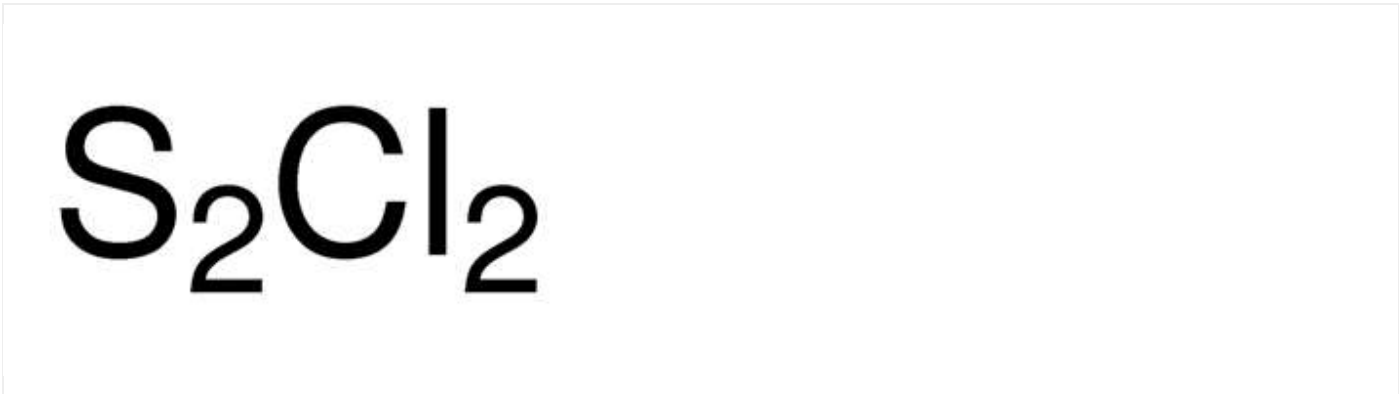
Safety Information and Hazard Symbols

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SULPHUR MONOCHLORIDE 99% FOR SYNTHESIS

Sulfur chloride

Product Code.	02613	Grade	
Purity	99%	CAS No.	10025-67-9
Molecular Formula	S2Cl2	Molecular Weight	135.00
H.S.Code	2812.90000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Yellowish red	Melting point/ Freezing point [°C]	-80 °C
Auto-ignition temperature [°C]	233 °C	Boiling point [°C]	138 °C	Vapour pressure [20°C]	9.1 hPa at 20 °C
Vapour density	4.66	Density [g/cm3]	1.688		

Specification

Appearance	Yellowish red liquid
Assay	Min 99%
Density (d20°C/4°C)	About 1.670

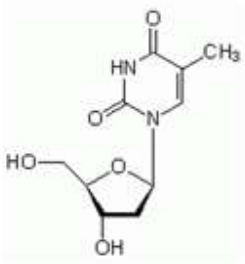
Safety Information and Hazard Symbols


Symbol: GHS05, GHS06, GHS09 Signal Word: Danger UN No.: 3390 IMCO Class No.: 6.1 Packing Group: I Hazardous Statement: H301-H314-H332-H400 Precaution Statement: P273-P280-P301 + P310-P305 + P351 + P338-P310

THYMIDINE 99% FOR BIOCHEMISTRY

1-(2-Deoxy-β-D-ribofuranosyl)-5-methyluracil; 1-(2-Deoxy-β-D-ribofuranosyl)thymine; 2'-Deoxythymidine; Thymine deoxyriboside; dT

Product Code.	02694	Grade	
Purity	99%	CAS No.	50-89-5
Molecular Formula	C10H14N2O5	Molecular Weight	242.23
H.S.Code	2921.44900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Melting point/ Freezing point [°C]	186 - 188 °C
Solubility in water [% weight]	Soluble in water				

Packaging

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Specification

Appearance	White crystalline powder
Assay	Min 99%
Melting point	186 - 188 deg C

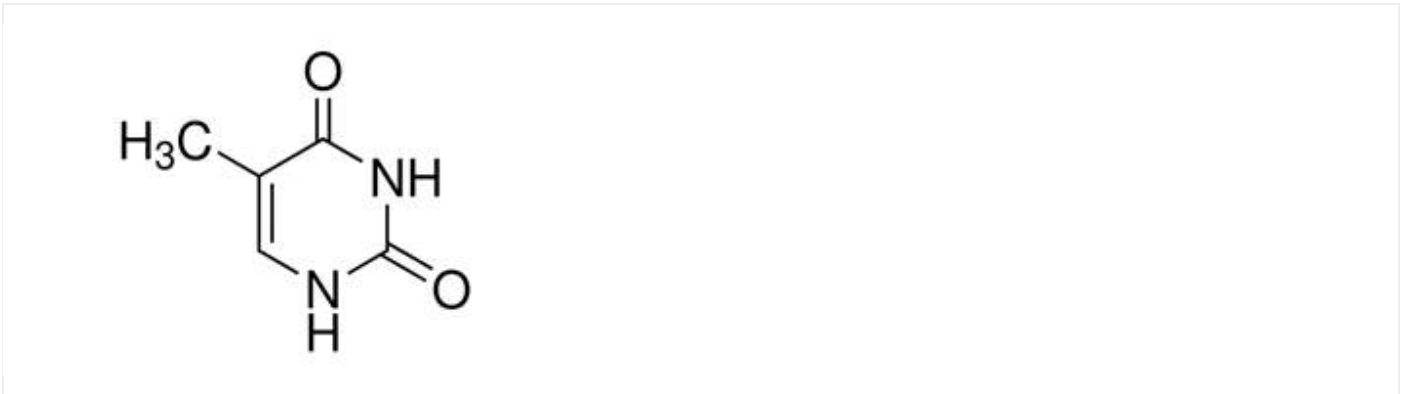
Safety Information and Hazard Symbols

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THYMININE 99% FOR BIOCHEMISTRY

2,4-Dihydroxy-5-methylpyrimidine; 5-Methyluracil

Product Code.	02695	Grade	
Purity	99%	CAS No.	65-71-4
Molecular Formula	C5H6N2O2	Molecular Weight	126.12
H.S.Code	2933.59900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Melting point/ Freezing point [°C]	320 °C
Decomposition point [°C]	335 °C	Density [g/cm3]	1.23	Solubility in water [% weight]	Slightly soluble in water

Packaging

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Specification

Appearance	White powder
Assay	Min 99%
Melting point	320 deg C

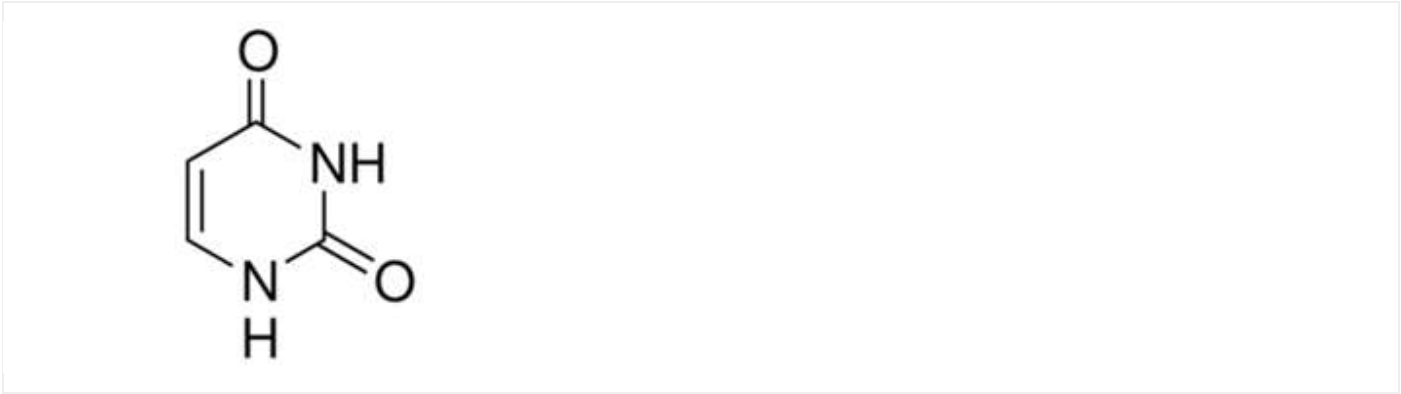
Safety Information and Hazard Symbols

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URACIL 99% FOR BIOCHEMISTRY

Pyrimidine-2,4(1H,3H)-dione; 2-oxy-4-oxy pyrimidine; 2,4(1H,3H)-pyrimidinedione; 2,4-dihydroxypyrimidine; 2,4-pyrimidinediol

Product Code.	02806	Grade	
Purity	99%	CAS No.	66-22-8
Molecular Formula	C4H4N2O2	Molecular Weight	112.09
H.S.Code	2933.59900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Melting point/ Freezing point [°C]	> 300 °C
Solubility in water [% weight]	Slightly soluble in water				

Packaging

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Specification

Appearance	Fine white powder
Assay	Min 99%
Residue on ignition	Max 0.1%
Heavy metal (as Pb)	Max 0.001%

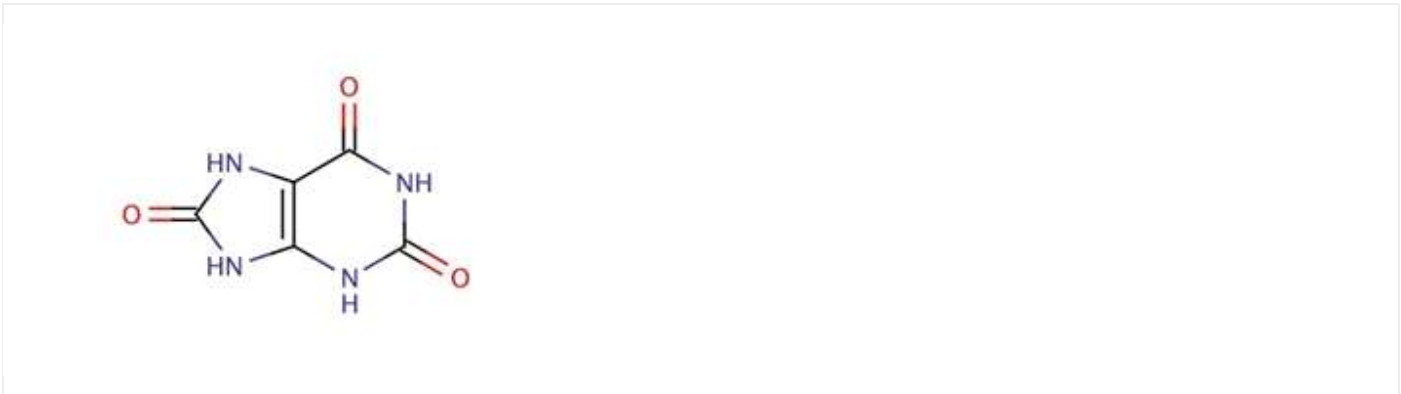
Safety Information and Hazard Symbols

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URIC ACID 99% AR

Used in substrate in determination of Uricase. 2,6,8-Trioxypurine

Product Code.	02813	Grade	AR
Purity	99%	CAS No.	69-93-2
Molecular Formula	C5H4N4O3	Molecular Weight	168.11
H.S.Code	2933.59900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Melting point/ Freezing point [°C]	> 300 °C	Density [g/cm3]	1.89	Solubility in water [% weight]	Slightly soluble in water

Packaging

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Specification

Appearance	Almost white crystalline powder
Assay	Min 99%
Function tests (Suitability as substrate for uricase)	Passes test
Water (H2O)	Max 0.5%

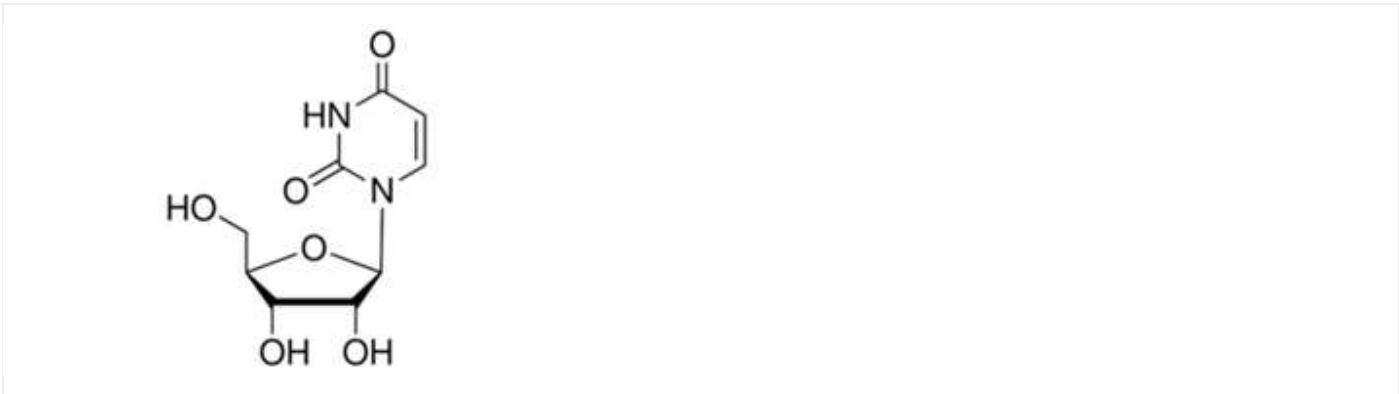
Safety Information and Hazard Symbols

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URIDINE 99% FOR BIOCHEMISTRY

1-β-D-Ribofuranosyluracil, Uracil-1-β-D-ribofuranoside

Product Code.	02815	Grade	For Biochemistry
Purity	99%	CAS No.	58-96-8
Molecular Formula	C9H12N2O6	Molecular Weight	244.20
H.S.Code	2934.99000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White to off white	Melting point/ Freezing point [°C]	163 - 167 °C
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Packaging

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Specification

Appearance	White to off-white powder
Assay	Min 99.0%
Melting point	166 - 171°C

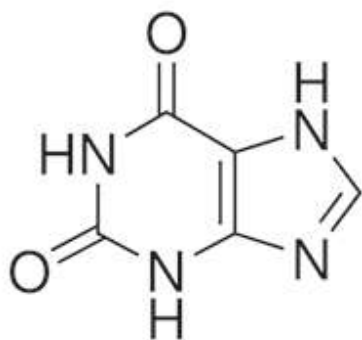
Safety Information and Hazard Symbols

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XANTHINE 98% FOR BIOCHEMISTRY

Used as a substrate in determination of Xanthine Oxidase. 1H-Purine-2,6-diol

Product Code.	02844	Grade	For Biochemistry
Purity	98%	CAS No.	69-89-6
Molecular Formula	C5H4N4O2	Molecular Weight	152.11
H.S.Code	2933.59900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White to slight yellow	Odour	Odorless
Melting point/ Freezing point [°C]	300 °C	Vapour density	5.3	Solubility in water [% weight]	Insoluble in water

Specification

Appearance	Almost white to slightly yellow crystalline powder
Assay	Min 98.0%
Heavy metal (as Pb)	Max 0.001%

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

Hazardous Statement: H317-H319

Precaution Statement: P280-P305 + P351 + P338

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

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