2000

ALPHABETICAL

BIOACTIVE PEPTIDES

# Biochemicals and Reagents

FOR LIFE SCIENCE RESEARCH

**IMMUNOCHEMICALS** 

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- Let No Non-Profit research organization anywhere in the world, suffer for lack of Sigma Reagents.
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THE ABOVE CREED WAS PURLISHED MANY YEARS AGO WHEN RESEARCH WAS GENERALLY CARRIED OUT IN "RESEARCH ORGANIZATIONS." THE CURRENT TREND WITHIN PREPARATIONS SCHOOLS, HOSPITALS, AND CLINICS TO DO "RESEARCH" AS A TEACHING RINCTION OR AS A PRIFFINE EXERDISE, HAS CREATED A DEMAND FOR SIGNA-FINANCING NOT INTENDED TO BE COVERED BY THIS CREED, HOWEVER, SPECIFIC INJURIES ARE INVITED.

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# COMPOUNDS

# **ALPHABETICAL LIST OF COMPOUNDS**

t-BOC-N-7-XANTHYL- -ASPARAGINE 55420-40-8] C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>6</sub> FW 412.4	5 g	47.40
<b>t-BOC-N</b> 8- <b>XANTHYL- -GLUTAMINE</b> 55260-247] C <sub>23</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub> FW 426.5	5 g	41.40
<b>LDINE</b> 2ontains ≤1% isopropanol  276-70-0] C <sub>19</sub> H <sub>21</sub> NO <sub>4</sub> FW 327.4  3: 22-36/37/38 S: 26-36	1 g 5 g	10.90 42.10
ILTON-HUNTER REAGENT See: 3-(p-Hydroxyphenyl)propionic Acid N-Hydroxysuccinimide Ester Page 546	i	1 200

See Bioactive Peptides Page 1050

)MBESIN

**ONE MARROW MEDIA** See: Tissue Culture Media and Reagents Page 1778

#### BOOKS

Over 400 technical reference works on a wide range of topics:

**Imino Acids/Peptides** Biotechnology/Molecular Biology Cell/Tissue Culture Chromatography
Clinical Chemistry Computer Techniques **Dyes and Stains** Electrophoresis Enzymology General References Immunochemistry/Immunology **Lipid Chemistry** Microbiology Microscopy Neurobiology/Neurochemistry **Organic Chemistry** Pesticides Pharmacology/Toxicology Protein Chemistry/Isolation Safety & Hazard Selected Techniques **Selected Topics** Spectra

See the Techware Section Page 2182

See. Benzotriazolyl-N-oxy-tris(dimethylamino)-phosphonium Hexafluorophosphate Page 154

9-BORABICYCLO[3.3.1]NONANE See: 9-BBN Dimer Page 156

**BORAGE OIL** From Borago officianalis seeds
Contains 20-25% γ-linolenic acid (as triglycerides).
See also: Evening Primrose Oil Page 413 Fungal Lipid Page 443 [84012-16-8]

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PRODUCT			US \$	PRODUCT NUMBER		US \$	
MIMOLIN	ORAX (Sodium tetraborate)	1 7			BORIC ACID, Electrophoresis Reagent See: Electrophoresis Reagents Page 19		
В 3545	Decahydrate SigmaUltra		26.30 34.60		BORIC ACID GEL See under: Affinity Chromatography Medi		
m	99.5-105.0% Solubility (0.1 M in water, 20°C): complete, colorless Insoluble matter: <0.1%		BORIC ACID, Molecular Biology Reagent See: Molecular Biology Products Page 1624				
	(C): <0.05% SO <sub>4</sub> : <0.05% Al: <0.0005% Ca: <0.0005% Cu: <0.0005%	Mg: <0. NH₄⁺: < P: <0 Pb: <0	<0.05% 0.001% 0.001%	B 2645	BORIC ACID TABLETS 100 tab Contains 1 g boric acid 1,000 tab per tablet. H <sub>3</sub> BO <sub>3</sub> FW 61.83 R: 63-62-36/37/38 S: 45-26-36/37/3	lets 149.30	
	Fe: <0.001% Zn: <0.0005% [1303-96-4] Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> • 10H <sub>2</sub> O FW 381.4 R: 63-62-36/37/38 S: 45-26-36/37/39-22		BORIC ACID TRIMETHYL ESTER See: Trimethyl Borate Page 980				
B 9876	Decahydrate	500 g 1 kg	g 12.80	d-2,3-BORNANEDIONE See: (1S)-(+)-Camphorquinone Page 200			
<u>man</u>	Widely used as a buffer. pH of a solution is approx. 9.3 over a wide range of concentrations.   1303-96-4] Na <sub>2</sub> B <sub>2</sub> O <sub>7</sub> • 10H <sub>2</sub> O FW R: 63-62-36/37/38 S: 45-26-36/3	381.4	46.40	B 7888 ⊞T		0 g 36.00 0 g 133.60	
B 0127 画		100 g 500 g	13.80 29.50 50.00	B5,520-			
	ORDET GENGOU AGAR BASE See: Microbiological Media and Compage 2070 ORDET GENGOU AGAR BASE WITH			B 3135 BT	BORON 10	0 g 97.50	
В	BORDET GENGOU AGAR BASE WITHOUT PEPTONE See: Microbiological Media and Components			BORONIC ACID-AGAROSE  See: m-Aminophenylboronic Acid-Agarose under Affinity Chromatography Media Page 1949  BORON TRICHLORIDE-METHANOL 5 ml 18.30			
B 7660	Minimum 99.5% pH (1 M in water, 20°C): 3.5-6.0 Solubility (1 M in water, 20°C): complete, colorless Insoluble matter: <0.1% Chloride (CI): <0.05% Sulfate (SO <sub>4</sub> ): <0.05% A: <0.0005% Ca: <0.005% Fe: <0.0005% Fe: <0.0005% Azeo <0.005% Azeo <0.005 (1 M in water)	100 g 500 g	/39-22 100 g 18.70 500 g 33.40 1 kg 50.50 Mg: <0.005% Na: <0.005% Pi: <0.005% Pi: <0.001% Zn: <0.0005% 21,6	B 0877	10% boron trichloride in methanol 10	ml 24.70 ml 38.20	
•		Na: <0 NH₄+: < P: <0 Pb: <0 Zn: <0.		B 6261	.7 Redistilled 10 Light yellow liquid.	/37/39 0 ml 17.50 0 ml 21.20	
B 0252 河	Reagents Page 1866	1 kg 2.5 kg 5 kg	9.40 16.70 25.20 47.70 85.90	•	Aldrich Brand. Formerly Sigma Produ BORON TRIFLUORIDE-METHANOL 14% boron trifluoride in methanol is usef preparing methyl esters of fatty acids an transesterification of triglycerides.	ıl for	
8 0394	Assay: ≥99.5% Insoluble in methanol: ≤0.005% Nonvolatile with methanol: ≤0.05%	500 g 1 kg	34.10 27.10 48.80 59.40	B 1127	Shelf life is extended 25 considerably in sealed ampules. $10 \times 5$ (373-57-9) R: 11-23/25-34 S: 7-16-24-45		
/	Cilioride (CI): ≤0.001% Phosphate (PO <sub>4</sub> ): ≤0.001% Sulfate (SO <sub>4</sub> ): ≤0.01% Calcium (Ca): ≤0.005% Heavy metals (as Pb): ≤0.001% Iron (Fe): ≤0.001%		_'	B 1252 2-8°C	14% solution in bottle with screw- cap closure. 100   [373-57-9] 250   R: 11-23/25-34 S: 7-16-24-45 500	nl 20.80 nl 28.40	

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