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Contact Sigma-Aldrich Fine Chemicals for your large scale needs:

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The Sigma Creed

- · Let No Non-Profit research organization anywhere in the world, suffer for lack of Sigma Reagents.
- Let No One have cause to say a Sigma Product was misrepresented.
- · Let No One have cause to say that Sigma was not More Than fair, friendly, reasonable, and cooperative in every way.
- Let No One have cause to say that a Sigma Product was not absolutely the finest available anywhere.
- Make Everyone feel that doing business with Sigma is a revelation and a pleasure! Even if you can't pay.
- As Long as we have the funds, no legitimate call for help will be disregarded.

THE ABOVE CREED WAS PURLISHED MAIN YEARS AGO WHEN RESEARCH WAS GENERALLY CARRED OUT IN "RESEARCH ORGANIZATIONS." THE CURRENT TREND WITHIN PREPARATORY SCHOOLS, HOSPITALS, AND CLINICS TO DO "RESEARCH" AS A TEXCHING RINCTION OR AS A PRIFFILME EXERDISE, HAS CREATED A DEMAND FOR SIGNA-FINANCING NOT INTENDED TO BE COVERED BY THIS CREED, HOWEVER, SPECIFIC INCURRES ARE INVITED.

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SIGMA

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COMPOUNDS

ALPHABETICAL LIST OF COMPOUNDS

t-BOC-N-y-XANTHYL- ASPARAGINE	5 g	47.40
55420-40-8] C ₂₂ H ₂₄ N ₂ O ₆ FW 412.4		_
t-BOC-N8-XANTHY! -GLUTAMINE 55260-247] C ₂₈ H ₂₆ N ₂ O ₆ FW 426.5	5 g	41.40
LDINE Contains ≤1% isopropanol 476-70-0] C19H21NO4 FW 327.4 3: 22-36/37/38 S: 26-36	1 g 5 g	10,9 42.1

)MBESIN See Bioactive Peptides Page 1050

ONE MARROW MEDIA
See Tissue Culture Media and Reagents Page 1778

BOOKS

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

\mino 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**

See the Techware Section Page 2182

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

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

Spectra

BORAGE OIL 100 g

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]

www.sigma-aldrich.com/techinfo

RODUCT NUMBER		US \$	PRODUCT NUMBER US			
B	ORAX (Sodium tetraborate)		BORIC ACID, Electrophoresis Reagent See: Electrophoresis Reagents Page 1967			
as 45	Decahydrate	500 g 26.30	BORIC ACID GEL			
3545	SigmaUltra	1 kg 34.60	See under: Affinity Chromatography Media Page 195			
	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			
	CI: <0.05% SO ₄ : <0.05% AI: <0.0005% Ca: <0.0005% Cu: <0.0005% Fe: <0.001%	K: <0.005% Mg: <0.0005% NH₄*: <0.05% P: <0.001% Pb: <0.001% Zn: <0.0005%	BORIC ACID TABLETS 100 tablets 26.9 B 2645 Contains 1 g boric acid 1,000 tablets 149.3 per tablet. H ₃ BO ₃ FW 61.83 R: 63-62-36/37/38 S: 45-26-36/37/39-22			
	[1303-96-4] Na ₂ B ₄ O ₇ • 10H ₂ O F R: 63-62-36/37/38 S: 45-26-36/	37/39-22	See: Trimethyl Borate Page 980			
B 9876	Decahydrate 99.5-105.0%	500 g 12.80 1 kg 16.80	d-2,3-BORNANEDIONE See: (1S)-(+)-Camphorquinone Page 200			
RT .	Widely used as a buffer. pH of a solution is approx. 9.3 over a wide range of concentrations. [1303-96-4] Na ₂ B ₄ O ₇ • 10H ₂ O FI R: 63-62-36/37/38 S: 45-26-36/	5 kg 46.40 N 381.4	BORNEOL 100 g 36.0 B 7888 Approx. 85% 500 g 133.6			
B 0127	R: 63-62-36/37/36 S. 43-26-36/ Anhydrous Minimum 99.0% [133043-4] Na ₂ B ₄ O ₇ FW 201.2 R: 63-62-36/37/38 S: 45-26- 36/37/39-22	100 g 13.80 500 g 29.50 1 kg 50.00	()-BORNYL ACETATE 100 g 19.2 B5,520-3 Approx. 97% (capillary GC) d = 0.98 g/ml Pheromone for Periplaneta americana. Aldrich Brand. Formerly Sigma Product B 6759. [5655-61-8]			
В	ORDET GENGOU AGAR BASE See: Microbiological Media and Con	nonents	BORON 100 g 97.5			
B	Page 2070 RORDET GENGOU AGAR BASE WITH		B 3135 Practical Grade Amorphous powder ↑ [744042-8] B FW 10.81 R: 11-20/21/22-37 S: 16-36-3/7/9			
E	See: Microbiological Media and Con Page 2070 BORDET GENGOU AGAR BASE WITH See: Microbiological Media and Con	HOUT PEPTONE	BORONIC ACID-AGAROSE See: m-Aminophenylboronic Acid-Agarose under Affinity Chromatography Media Page 1949			
B 7660	Page 2070 BORIC ACID [10043-35-3] H ₃ BO ₃ FW 61.83 R: 63-62-36/37/38 S: 45-26-36/ SigmaUltra Minimum 99.5% pH (1 M in water, 20°C): 3.5-6.0 Solubility (1 M in water, 20°C): com	100 g 18.70 500 g 33.40 1 kg 50.50	BORON TRICHLORIDE-METHANOL 5 ml 18.3 B 0877 10% boron trichloride in methanol 10 ml 24.7 for preparing methyl esters of fatty 25 ml 38.2 acids and for transesterification of triglycerides. Sealed ampules. Shelf life is extended considerably in sealed ampules [10294-34-5] R: 11-23/25-34 S: 7-16-24-45			
	plete, colorless Insoluble matter: < 0.1% Chloride (CI): < 0.05% Sulfate (SO ₄): < 0.05% Al: < 0.0005% Ca: < 0.005% Cu: < 0.0005% Fe: < 0.0005% K: < 0.005%	Mg: <0.005% Na: <0.005% NH ₄ *: <0.05% P: <0.005% Pb: <0.001% Zn: <0.0005%				
B 0252 河	Ass <0.05; A ₂₈₀ <0.05 (1 M in wate Minimum 99.5% See also: Plant Cell Culture Reagents Page 1866	100 g 9.40 500 g 16.70 1 kg 25.20 2.5 kg 47.70 5 kg 85.90	Light yellow liquid. Aldrich Brand. Formerly Sigma Product B 8764. BORON TRIFLUORIDE-METHANOL 14% boron trifluoride in methanol is useful for preparing methyl esters of fatty acids and for transesterification of triglycerides.			
8 0394	Assay: ≥99.5% Insoluble in methanol: ≤0.005% Nonvolatile with methanol: ≤0.05%	10 kg 134.10 500 g 27.10 1 kg 48.80 5 kg 159.40	B 1127 14% solution in sealed ampule. 5 ml 16.3 Shelf life is extended 25 ml 29.8 considerably in sealed ampules. 10 × 5 ml 106.1 [373-57-9] R: 11-23/25-34 S: 7-16-24-45			
1	Chloride (CI): ≤0.001% Phosphate (PO ₄): ≤0.001% Sulfate (SO ₄): ≤0.001% Calcium (Ca): ≤0.005% Heavy metals (as Pb): ≤0.001% Iron (Fe): ≤0.001%		B 1252			

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