

N-MethylmorpholinePeptide Synthesis

packaging		Mfr. No
500 mℓ	AmberGlass	BP610-500
C ₅ H ₁₁ NO CAS: 109-02-4 MW: 101.15 EINECS: 203-640-0 H225, H314, H312, H332, H302	P301+P330+P331, P305+P351+P338, P310, P302+P352, P304+P340, P210, P240, P280	  

Assay (GC)	>=99.0%
Boiling Range (ACS)	114°-116°C

Applications: N-Methylmorpholine is used in peptide synthesis protocols.
Recommended Storage: RT
UN 2535; DOT Class 3:Flammable Liquid

N,N'-DiisopropylcarbodiimidePeptide Synthesis

packaging		Mfr. No
100 mℓ	AmberGlass	BP590-100
C ₇ H ₁₄ N ₂ CAS: 693-13-0 MW: 126.2 H226, H315, H317, H335,	H330, H334, H318 P305+P351+P338, P310, P260, P280, P302+P352, P210	   

Assay	>=99%
Boiling Point	147°-149°C
Color (APHA)	<=100
IR	Conforms to standard
Refractive Index (at 20°C)	1.4330 ±0.0015

Applications: N,N'-Diisopropylcarbodiimide is used as an alternative to dicyclohexylcarbodiimide in peptide synthesis reactions.
Recommended Storage: RT
UN 1993; DOT Class 3:Flammable Liquid (n.o.s.)

p-NitrophenolPeptide Synthesis

packaging		Mfr. No
1 kg	AmberGlass	BP612-1
C ₆ H ₅ NO ₃ CAS: 100-02-7 MW: 139.11 EINECS: 202-811-7	H373, H302, H312, H332 P280, P304+P340, P302+P352, P260	 

Assay (GC)	>=99%
Melting Point	112°-114°C

Applications: Nitrophenol is commonly used in peptide synthesis procedures.
Recommended Storage: RT
UN 1663; DOT Class 6.1:Poison

N,N-DiisopropylethylaminePeptide Synthesis

packaging		Mfr. No
500 mℓ	AmberGlass	BP592-500
C ₈ H ₁₉ N CAS: 7087-68-5 MW: 129.24 EINECS: 230-392-0 H225, H302, H314, H412	P301+P330+P331, P305+P351+P338, P280, P308+P313, P273, P210	  

Assay	>=99%
Color (APHA)	<=20
IR	Conforms to standard
Refractive Index (at 25°C)	1.4133 ±0.002
Water (Karl Fischer)	<=0.2%

Applications: N,N-Diisopropylethylamine is commonly used in peptide synthesis reactions.
Recommended Storage: RT
UN 1993; DOT Class 3:Flammable Liquid (n.o.s.)

Sodium Cacodylate TrihydratePeptide Synthesis

packaging		Mfr. No
50 g	PolyBottle/PoisonPack	BP325-50
C ₂ H ₆ AsNaO ₂ ·3H ₂ O CAS: 6131-99-3 MW: 214.03 H331, H410, H301, H350	P301+P310, P201, P308+P313, P304+P340, P273	  

Assay	>=97%
Loss on Drying (at 105°C)	25%±2%
pH of 5% Solution (at 25°C)	8.0 to 9.0
Solubility in H ₂ O (5g/100mℓ)	Clear and colorless

Applications: Sodium Cacodylate is a component of the DMS reaction buffer in Maxam-Gilbert sequencing and is also used as a buffer in terminal transferase reactions.
Recommended Storage: RT
UN 1688; DOT Class 6.1:Poison

Triethylamine

Peptide Synthesis

packaging	Mfr. No
500 mℓ AmberGlass	BP616-500
C ₆ H ₁₅ N CAS: 121-44-8 MW: 101.19 EINECS: 204-469-4 H225, H311, H302, H332, H314, H335	P280, P302+P350, P305+P351+P338, P304+P340, P308+P313, P261, P210
Assay>=99%	
Refractive Index (at 2°C)1.400±0.003	

Applications: Triethylamine is used as a solvent in automated synthesis protocols.
Recommended Storage: RT

α-Cyclodextrin

White Powder

packaging	Mfr. No
5 g AmberGlass	BP2501-5
25 g AmberGlass	BP2501-25
C ₃₆ H ₆₀ O ₃₀ CAS: 10016-20-3 MW: 972.9	EINECS: 233-007-4
Loss on drying<=13%	
Optical Rotation (c = 1, H ₂ O)+148° ±5°	

Applications: α-Cyclodextrin is used in chromatographic separations and purification methods. Useful for selective precipitation of enantiomeric, positional or structural isomers.
Recommended Storage: RT

Trifluoroacetic Acid

Peptide Synthesis Grade

packaging	Mfr. No
500 mℓ AmberGlass	BP618-500
C ₂ HF ₃ O ₂ CAS: 76-05-1 MW: 114.02 EINECS: 200-929-3 H314, H332, H412	P301+P330+P331, P280, P305+P351+P338, P310, P273, P304+P340
Assay>=99.5%	
Chloride (Cl)<=5ppm	
Fluoride<=14ppm	
Sulfate (SO ₄)<=2ppm	
UV Absorbance at 275nm<=0.06	
UV Absorbance at 300nm<=0.03	
Water<=0.02%	

Applications: Trifluoroacetic acid is used in peptide sythesis and sequencing protocols.

β-Mercaptoethylamine Hydrochloride

White Powder

packaging	Mfr. No
5 g AmberGlass	BP2664-5
25 g AmberGlass	BP2664-25
100 g AmberGlass	BP2664-100
C ₂ H ₇ NS.HCl CAS: 156-57-0 MW: 113.61 EINECS: 205-858-1 H315, H319, H302, H335	P261, P301+P312, P302+P352, P280, P305+P351+P338
Assay98%	
FTIRConforms to Standard	
Melting Point58°-73°C	

Applications: β-Mercaptoethylamine HCl is used as an antioxident in several biochemical procedures.
Recommended Storage: 4°C, desiccate

4-Methylumbelliferyl Phosphate Disodium Salt

Off-white Powder

packaging	Mfr. No
25 mg AmberGlass	BP2666-250
C ₁₆ H ₇ Na ₂ O ₆ P.3H ₂ O CAS: 22919-26-2 MW: 354.16	EINECS: 245-325-0
FTIRConforms to Standard	
Loss on drying16%	
Melting Point193°-203°C	
Purity>=97%	

Applications: 4-Methylumbelliferyl Phosphate is a biochemical substrate for membrane-bound phosphodiesterases.
Recommended Storage: Store below 0°C

Forskolin From Coleus forskohlii

Off-white Powder

packaging	Mfr. No
1 mg Amberglass	BP2520-1
5 mg AmberGlass	BP2520-5
10 mg AmberGlass	BP2520-10
25 mg AmberGlass	BP2520-25
50 mg AmberGlass	BP2520-50
C ₂₂ H ₃₄ O ₇ CAS: 66575-29-9 MW: 410.5 EINECS: 266-410-9	H312 P280, P302+P352
Applications: Forskolin is a molecular biology reagent. Forskolin functions as an antihypertensive and vasodilator. Adenylcyclase activator. Recommended Storage: RT, desiccate Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.	