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All About Peptide Synthesis

Summer Savings on Fmoc-Amino Acids

Through July 30th, AAPPTec is offering these special prices on 100 gram and 250 gram quantities of Fmoc-amino acids. E-mail your order to sales@aapptec.com and include "Summer Special" in the subject line to obtain these special prices.

All AAPPTec Fmoc-Amino acids are of 99%+ purity and 99.5%+ ee. These prices are up to 75% lower than the prices of AAPPTec's competitors..

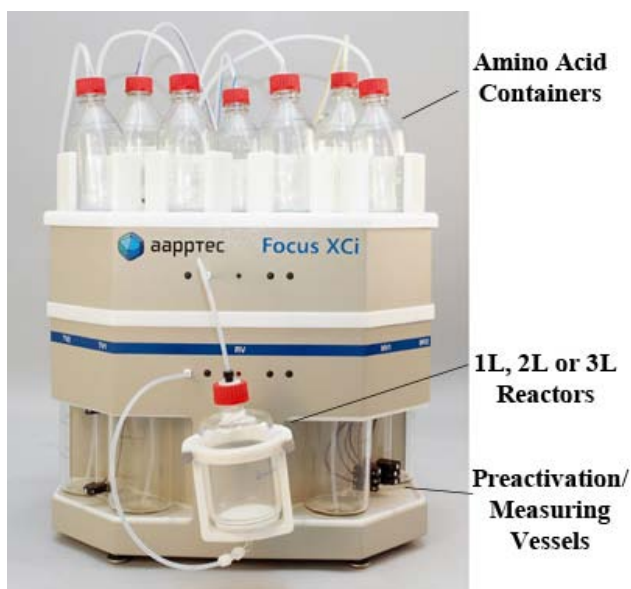
Catalog Number	Product	Quantity	Price
AFA101	Fmoc-Ala-OH	100g 250g	\$55 \$99
AFR105	Fmoc-Arg(Pbf)-OH	100g 250g	\$250 \$425
AFD105	Fmoc-Asp(OtBu)-OH	100g 250g	\$155 \$320
AFN105	Fmoc-Asn(Trt)-OH	100g 250g	\$155 \$320
AFC105	Fmoc-Cys(Trt)-OH	100g 250g	\$155 \$320
AFE105	Fmoc-Glu(OtBu)-OH	100g 250g	\$155 \$320
AFQ105	Fmoc-Gln(Trt)-OH	100g 250g	\$155 \$320
AFG101	Fmoc-Gly-OH	100g 250g	\$55 \$99
AFH105	Fmoc-His(Trt)-OH	100g 250g	\$155 \$320
AFI101	Fmoc-Ile-OH	100g 250g	\$55 \$99
AFL101	Fmoc-Leu-OH	100g 250g	\$55 \$99
AFK105	Fmoc-Lys(Boc)-OH	100g 250g	\$135 \$270
AFM101	Fmoc-Met-OH	100g 250g	\$55 \$99
AFF101	Fmoc-Phe-OH	100g 250g	\$55 \$99
AFP101	Fmoc-Pro-OH	100g 250g	\$55 \$99
AFS105	Fmoc-Ser(tBu)-OH	100g 250g	\$55 \$155
AFT105	Fmoc-Thr(tBu)-OH	100g 250g	\$155 \$320

Focus XC III Mid-Scale Production and Scale-Up Synthesizer

The Focus XC III is a mid-scale production synthesizer that fits on a laboratory bench but has performance that rivals much larger units. The Focus XC III features a 1 liter, 2 liter, or 3 liter reactor with an option for a 5 liter reactor. With four 1L amino acid/reagent containers, the Focus XC III can produce hundreds of grams of high quality crude peptide in a single synthesis. Other configurations of the Focus XC III are available with 2, 8, or 12 amino acid/reagent containers. The Focus XC III is also equipped with two 5L solvent/reagent bottles, one 2L solvent/reagent bottle, and two 1L solvent/reagent bottles.

The Focus XC III utilizes variable speed vortex mixing, nitrogen bubbling, or a combination of both for efficient, thorough mixing in all size reactors except 5L which utilizes overhead mixing.

The Focus XC III provides documentation backup of all functions to the hard drive, with simultaneous printing capabilities. All liquids are transferred through TFE tubing, glass, or stainless steel. Calibration and delivery can also be confirmed to meet all regulations. For more information, contact AAPPTec at info@aapptec.com.

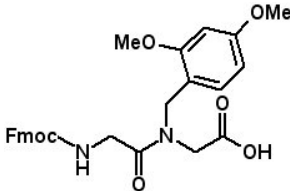


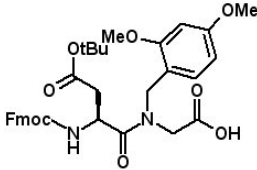
Solvent/Reagent containers are 2L up to 20L. IQ/OQ/PQ are available for cGMP production.

AFW105	Fmoc-Trp(Boc)-OH	100g 250g	\$200 \$399
AFY105	Fmoc-Tyr(tBu)-OH	100g 250g	\$155 \$320
AFV101	Fmoc-Val-OH	100g 250g	\$55 \$99

All AAPPTec Fmoc-Amino Acids other high quality chemicals are available in kilogram and bulk quantities. E-mail AAPPTec at sales@aapptec.com for a quotation.

N-(Dmb)-Glycine Dipeptides

Catalog Number	Product	Quantity	Price
NGG101	Fmoc-Gly-(Dmb)Gly-OH	1g 5g 25g	\$90 \$360 \$1440
		<p>The N-Dmb group disrupts hydrogen bonding in the peptide backbone and reduces aggregation. Incorporated into long or difficult peptides, N-Dmb dipeptides can improve peptide yield and purity. In SPPS, the N-Dmb group is removed with TFA during peptide cleavage from the resin. Fmoc-Gly-(Dmb)Gly-OH was utilized in the preparation of a 61-amino acid peptide (S. Zahariev, et al. <i>J. Pept. Sci.</i> 2005, <i>11</i>, 17-28).</p>	

Catalog Number	Product	Quantity	Price
NGD105	Fmoc-Asp(OtBu)-(Dmb)Gly-OH	1g 5g 25g	\$90 \$360 \$1440
		<p>The N-Dmb group disrupts hydrogen bonding in the peptide backbone and reduces aggregation. Incorporated into long or difficult peptides, N-Dmb dipeptides can improve peptide yield and purity. When the Dmb protecting group is attached to the amino acid preceding Asp in a peptide, Dmb blocks aspartimide formation and the side products resulting from aspartimide formation (Quibell, M.; et al. <i>J. Chem. Soc., Chem. Commun.</i> 1994, 2343-4). In SPPS, the N-Dmb group is removed with TFA during peptide cleavage from the resin.</p>	

**AAPPTec will be exhibiting
their new products at the
22nd APS Symposium**

Booths 12 and 62

**June 25-30
San Diego, California**

AAPPTec: The Spirit of Innovation

UPCOMING EVENTS

[22nd American Peptide Symposium](#)

June 25-30, 2011

San Diego, CA

Booth #12 and #62

[ACS Fall Meeting 2011](#)

August 28 - September 1, 2011

Denver, CO

Booth #608

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