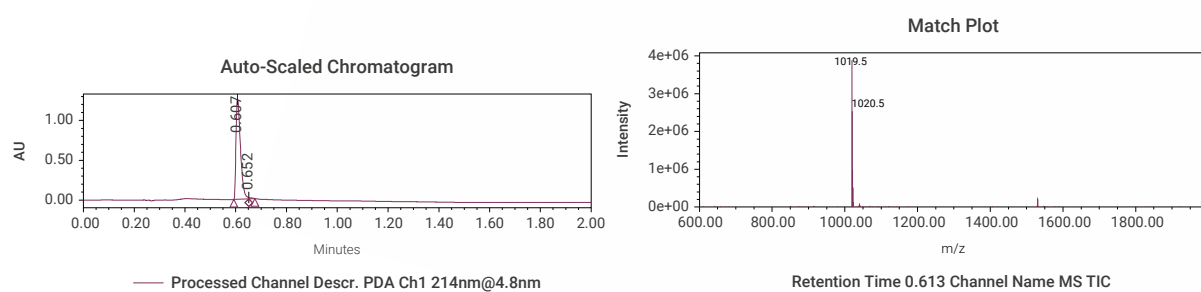


PHYSICAL-CHEMICAL TESTING

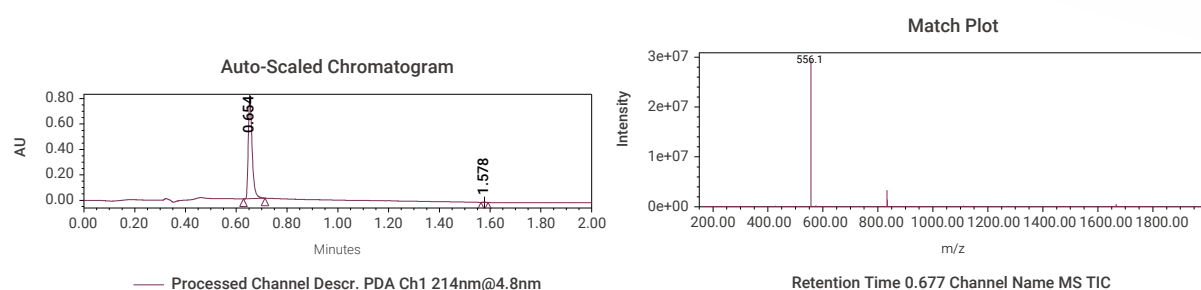
Octreotide HY-P0036

The purity of Octreotide (HY-P0036) was more than 99% and its structure was verified by MS analysis.



α -MSH HY-P0252

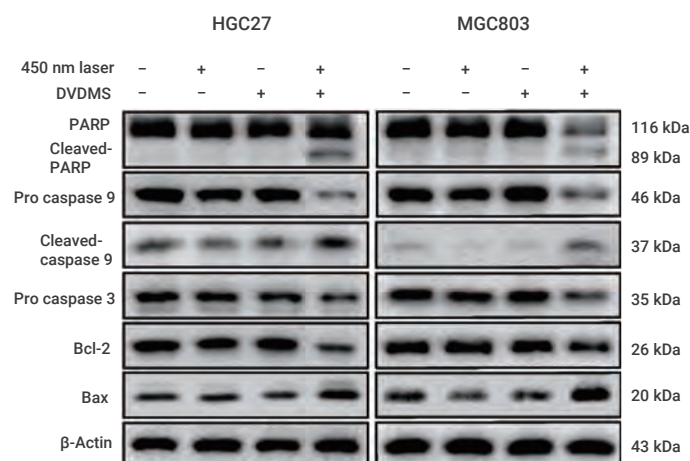
The purity of α -MSH (HY-P0252) was more than 99% and its structure was verified by MS analysis.



CUSTOMER VALIDATION

740 Y-P HY-P0175

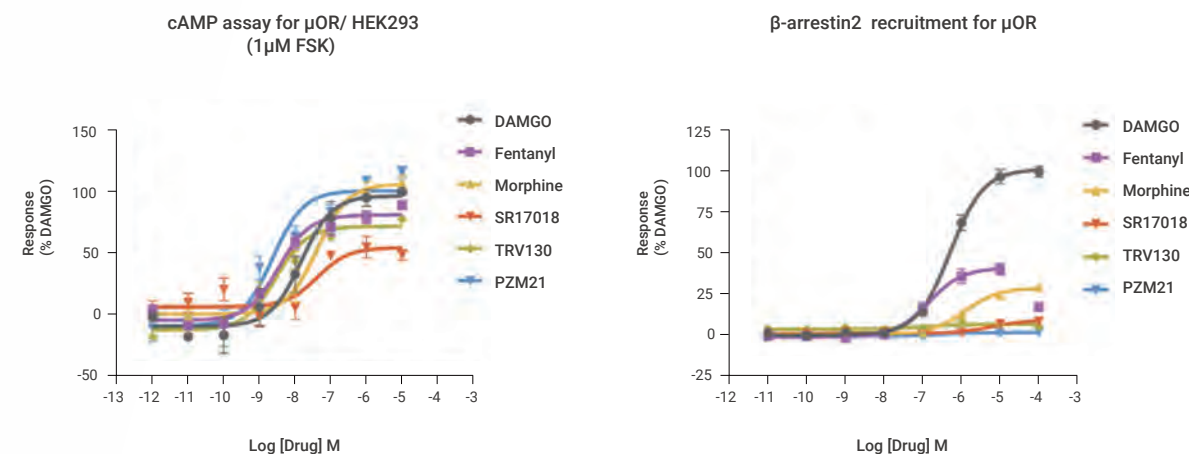
740 Y-P activated PI3K pathway and could rescue the inhibition of PI3K by BL-PDT and LY294002.



BMC Med. 2022 Dec 8;20(1):475.

DAMGO TFA HY-P0210B

Activation of μ OR by DAMGO was dose-dependent, responses shown were induced cAMP (left) and β -arrestin2 (right) accumulations.



Cell. 2022 Nov 10;185(23):4361-4375.e19.

PUBLICATIONS CITING USE OF MCE PEPTIDES

Nature. 2022 Apr;604(7906):541-545.
Nature. 2023 Jan;613(7942):145-152.
Nature. 2021 Mar;591(7851):620-626.
Cell. 2023 Jan 19;186(2):413-427.e17.
Cell. 2022 Nov 10;185(23):4361-4375.e19.
Cell Res. 2023 Apr;33(4):273-287.
Mol Cancer. 2022 May 10;21(1):112.
Nat Nanotechnol. 2023 Jan;18(1):86-97.
Cancer Cell. 2023 Mar 14;S1535-6108(23)00049-1.
Signal Transduct Target Ther. 2023 Jan 2;8(1):3.

Cell Discov. 2023 Jan 3;9(1):1.
Cell Discov. 2022 Sep 6;8(1):84.
Cell Discov. 2022 Jun 28;8(1):60.
Gut. 2022 Jun 13;gutjnl-2021-326541.
Cell Metab. 2022 Feb 7;34(3):424-440.e7.
Cell Metab. 2022 Nov 11;S1550-4131(22)00490-9.
Cell Host Microbe. 2022 Oct 12;30(10):1450-1463.e8.
J Hepatol. 2022 Nov 9;S0168-8278(22)03285-8.
Nat Biomed Eng. 2023 Mar;7(3):281-297.
Cell Mol Immunol. 2022 Jan 25;1-17.

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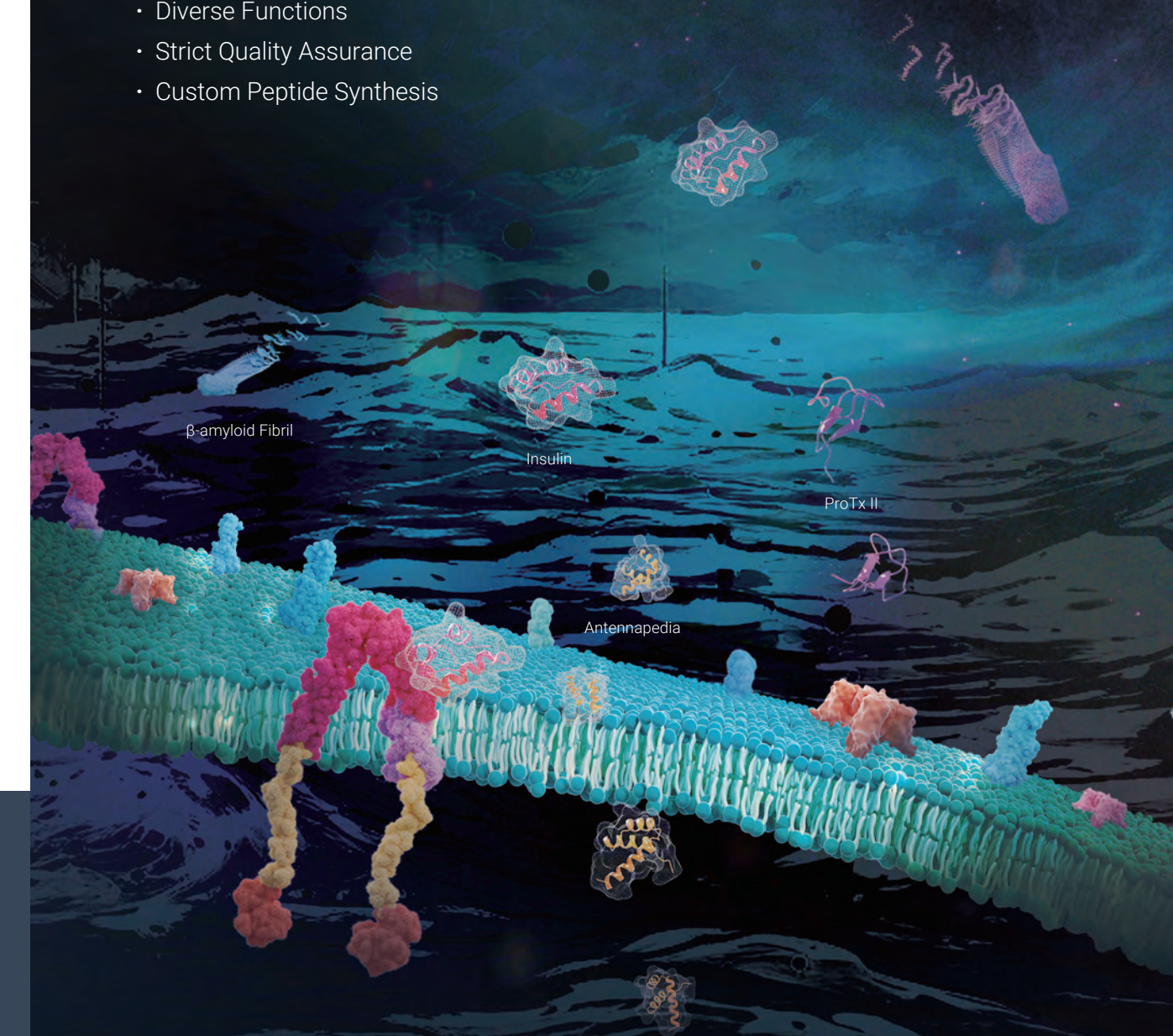
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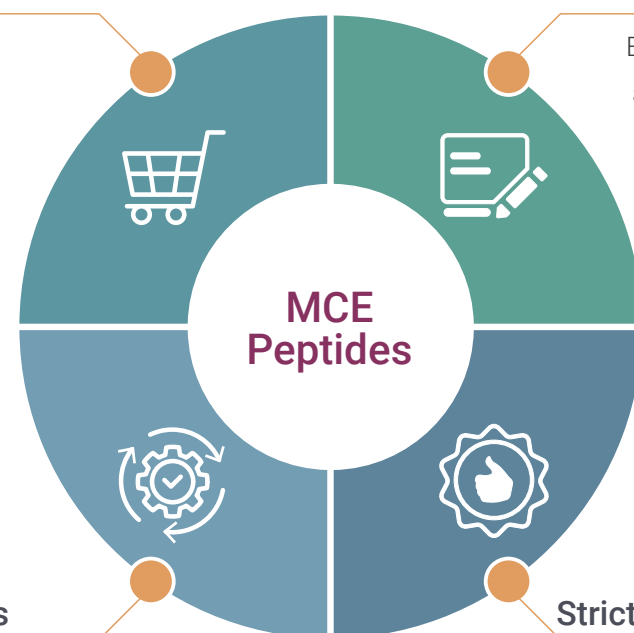
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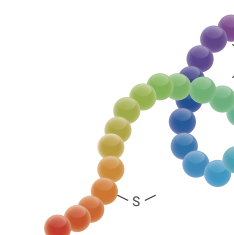
Category	Cat. No.	Product Name	Category	Cat. No.	Product Name
Neuroscience Related Peptides	HY-P0201	Substance P	Diabetes and Metabolic Syndrome Related Peptides	HY-P0035	Insulin (human)
	HY-P0252	α-MSH		HY-13948	Angiotensin II human
	HY-P0198	Neuropeptide Y		HY-A0190	Ceruletide
	HY-P0128	β-Amyloid (25-35)		HY-13443	Exentin-4
	HY-P1363	β-Amyloid (1-42), human TFA		HY-P1944A	Apelin-13 TFA
	HY-P1061A	Colivelin TFA		HY-P0203A	α-CGRP, rat TFA
Apoptosis and Tumor Related Peptides	HY-P1009	Z-YVAD-FMK	Inflammation and Immunology Related Peptides	HY-B0579	Cyclosporin A
	HY-P1007	Z-VEID-FMK		HY-W019721	Cyclosporin D
	HY-P1001	Ac-DEVD-CHO		HY-P3152	Streptavidin
	HY-P0023	Cyclo (-RGDFK)		HY-P0206	Bradykinin
	HY-P0175	740 Y-P		HY-P0078	TRAP-6
Anti-infectious Peptides	HY-P0017	Aprotinin	Peptide Toxins	HY-P0286	OVA Peptide (323-339)
	HY-P0025	NIM811		HY-P1410	GsMTx4
	HY-P1539	Cecropin A		HY-P0256	Apamin
	HY-P0163	Gramicidin		HY-P0246	Mastoparan
	HY-P1222	LL-37		HY-P1280	Margatoxin
	HY-P2460	SMAP-29		HY-P0173B	Chlorotoxin TFA
Fluorescent Substrates	HY-P1630	Buforin II	Cosmetic Peptides	HY-P1902	Cardiotoxin Analog (CTX) IV (6-12)
	HY-P2617A	Ac-WEHD-AFC TFA		HY-P0033	Argireline
	HY-P3363	Z-DEVD-AMC		HY-P0095	Acetyl tetrapeptide-5
	HY-P2208	Z-IETD-AFC		HY-P0047	Palmitoyl tripeptide-1
	HY-P0019	Z-Gly-Gly-Arg-AMC		HY-P0063	Copper tripeptide

Category	Cat. No.	Product Name	Category	Cat. No.	Product Name
Tag Peptides	HY-P0223	FLAG peptide	Cell-penetrating Peptides	HY-P0151	SN50
	HY-P0319	3X FLAG peptide		HY-P0122	iRGD peptide
	HY-P0326	S Tag Peptide		HY-P1399A	Myr-Pep2m TFA
	HY-P0239	HA Peptide		HY-P0084	Cyclic somatostatin
	HY-P0294	Hexa-His		HY-P2529	Penetratin

CUSTOM PEPTIDE SERVICE

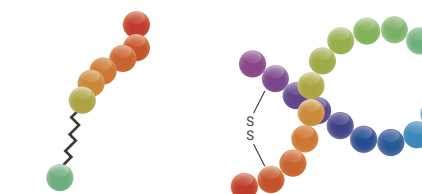
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Recombinant Technologies:

More Options for Length, Sequence and Size

Flexible Quantities	From mg to kg.
Purity Levels	Crude, desalted, 70% to 98% purity.
Synthetic Technologies	Combination of solid phase and liquid phase synthesis, and microwave and ligation technologies.
Peptide Modifications	More than 300 modifications ranging from phosphorylation, methylation, acetylation, and amidation to stable isotope labeling and conjugations.
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