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RESEARCH PRODUCTS

Highly Enriched Custom Labeled Peptides



CIL now offers peptides containing Lysine and Arginine at 99%+ enrichments for MS-based quantitative proteomic applications using trypsin digests. CIL also offers peptides containing most combinations of ^{13}C , ^{15}N and ^2H labeled amino acids. Not only are these heavy peptides used in biomarker discovery and validation, they are used in drug and metabolite monitoring, peptide signaling experiments, metabolomics, and pharmacokinetics.

Researchers can choose peptides with a full suite of options:

Purity

- 95%+ purity available (perfect for applications requiring absolute quantification)
- 70%+ purity available (excellent for biomarker screening)

Labeling options

- Residue specific or uniform labeling available
- Most combinations of ^{13}C , ^{15}N and ^2H labeled amino acids available

Modifications

- Biotinylation
- Conjugation with carbohydrates
- Phospho Moieties
- Additional modifications are available

CIL can supply peptides from milligram to gram quantities.

Please contact your CIL representative at 1-800-ISOTOPE to discuss your sequence, purity, isotopic and quantity requirements.

Research products are distributed and sold worldwide via our extensive distributor network

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