



ISOTOPE LABELED COMPOUNDS

lgcstandards.com
info-trc@lgcgroup.com



At Toronto Research Chemicals,
we specialize in turning your ideas into
scientific realities

**WE MAKE
YOUR RESEARCH IDEAS
COME TRUE**

We specialize in the synthesis of Isotopically labeled compounds.

Our reputation is time tested and built on the ability to combine detailed knowledge of labeling and professional synthetic strategy combined with robust design and efficient execution specifically designed for your individual research needs.

All TRC products are delivered with a complete analytical data package, including full spectroscopic analysis, Certificate of Analysis, specified chemical purity by NMR, HPLC, MS & Elemental Analysis.

Types of Isotope Labeling Services we offer:

- Labeling options with stable isotopes (^{13}C , ^{15}N & Deuterium)
- Site specific isotope labeling
- Fractional or random labeling
- Selective amino acid type labeling
- Stereo-array isotope labeling (SAIL)
- Isotope-labeling of metabolites to aid drug discovery
- Customize isotope labeling

ISOTOPE LABELED COMPOUNDS

ENVIRONMENTAL

- Agro-Research
- Carbon-Fixation
- Pollutants
- Phthalates
- Steroids

METABOLOMICS

- Lipid Metabolism
- Cellular Metabolism
- Biological Standards
- Intermediates
- Metabolites

PROTEOMICS

- Peptide Labeling
- Biomolecular NMR
- Chemical tagging

PHARMACEUTICAL

- Biomarkers
- ADME
- Pharmacokinetics
- Toxicology
- Circulation



**TRC PRODUCTS HAVE BEEN
CITED IN MORE THAN 1500
PEER REVIEW ARTICLES,
BY MORE THAN 2200
RESEARCHERS, IN MORE THAN
300 UNIVERSITIES, ACROSS 80
COUNTRIES**

To find complete product list and
detailed information, contact



Toronto Research Chemicals

2 Brisbane Road., Toronto, Canada, M3J 2J8

International: +1(416) 665 9696 / US & Canada: 1(800) 727-9240

info-trc@lgcgroup.com

www.lgcstandards.com