

PRODUCTIONchemicals



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Synthetic Organic Chemistry | Life Science
Materials Chemistry | Analytical Science

PRODUCTIONChemicals

CONTINUOUS SUPPLY

We are here to help you succeed in your long-term, large scale production projects. Without compromising quality, TCI helps customers increase productivity and reduce costs through effective supply chain management practices. Since decisions about procurement affect all aspects of your business, we work with your team to make a plan that takes into account volume, budget, and project timeline. We support your initiatives with experienced project managers who can provide insight into the chemical industry and operational best practices.

MANUFACTURING STRENGTHS

TCI specializes in synthesis and is readily able to make a broad spectrum of chemicals. The following is a short list of our unique manufacturing strengths:

- Alkyl Benzenes
- Ammonium Salts
- Carboxylic Halides
- Grignard Reagents
- Mercaptans & Sulfides
- Nitrites
- Olefins & Triols derived from Olefins
- Sulfonate Salts, including IPC Reagents
- And Many More

QUALITY

At TCI, we understand that supply chain quality is central to the smooth functioning of your business. The cost of ignoring quality includes recalls or failed batches, leading to significant loss. For this reason, we are committed to providing quality materials that you can trust.

TCI currently holds ISO 9001 & 14001 certification. Our standard bulk stock is reagent grade, rigorously QC tested, and guaranteed to meet TCI specifications. We maintain high standards of quality management in order to provide the best bulk available on the market.



TOP PRODUCTS

These are a few of our most popular products available in bulk:

| TCI Product Number | VWR Part Number | Chemical Name | CAS Number | Type |
|--------------------|-----------------|--|--------------|-----------------------------|
| A2457 | TCA2457 | 2-Azido-1,3-dimethylimidazolium Hexafluorophosphate | 1266134-54-6 | Azide |
| A5351 | TCA5351 | ANS-NH4 (=Ammonium 8-Anilino-1-naphthalenesulfonate) | 28836-03-5 | Fluorescent Probe |
| B0448 | TCB0448 | Benzyltrimethylammonium Hydroxide (40% in Methanol) | 100-85-6 | Quaternary Ammonium Salt |
| I0009 | TCI0009 | Diethanolamine Hydrochloride | 14426-21-2 | Amino Alcohol |
| D0239 | TCD0239 | 1,4-Diaminobutane | 110-60-1 | Polyamine |
| D1075 | TCD1075 | 2,4-Diamino-6-diallylamino-1,3,5-triazine | 91-77-0 | Triazine |
| D3752 | TCD3752 | 1,2-Di(4-pyridyl)ethane | 4916-57-8 | Pyridine |
| D2591 | TCD2591 | 2,6-Dimethoxy-4-methylphenol | 6638-05-7 | Phenol |
| H0104 | TCH0104 | 1,2,6-Hexanetriol | 106-69-4 | Polyol |
| M0125 | TCM0125 | 3-Methoxy-1,2-propanediol | 623-39-2 | Alcohol |
| P0886 | TCP0886 | Pentaerythritol Tetra(3-mercaptopropionate) | 7575-23-7 | Dithiol Monomer |
| P0490 | TCP0490 | 1,2,3-Propanetricarboxylic Acid | 99-14-9 | Carboxylic Acid |
| T0797 | TCT0797 | p-Tolyldiethanolamine | 3077-12-1 | Alcohol |
| T1336 | TCT1336 | Sodium Trifluoroacetate | 2923-18-4 | Fluorinating Agent |
| M0326 | TCM0326 | tert-Butyl Methacrylate Monomer (stabilized with MEHQ) | 585-07-9 | Acrylic Monomer |
| T0039 | TCT0039 | Tetrabromophenol Blue | 4430-25-5 | Indicator for Titration |
| T1279 | TCT1279 | Tetrabutylammonium Hexafluorophosphate | 3109-63-5 | Ammonium Salt |
| T1079 | TCT1079 | Trimellitic Anhydride Chloride | 1204-28-0 | Tetracarboxylic Dianhydride |
| C0897 | TCC0897 | Vinyl Crotonate (stabilized with MEHQ) | 14861-06-4 | Vinyl Monomer |

RELIABLE QUOTATIONS

We understand that completing projects on-time and on-budget are top priorities. When TCI develops a quotation, we take this into consideration, giving you the most accurate information about lead time, cost, and quality.

When you partner with us, we ensure that no matter what the need, we deliver the best quality materials on-time since shutting down your production line is not an option. Offering realistic lead times is our primary goal.

cGMP MANUFACTURING

As a leader in quality manufacturing worldwide, you can count on us for cGMP manufacturing. Take advantage of TCI's convenience, versatility, and efficiency, with cGMP production facilities both in the US and Japan. We are capable of overseeing your project, start to finish including phases 1 and 2, advanced processing steps, and beyond.

CUSTOM SYNTHESIS Solutions

CUSTOM SYNTHESIS

Can't find it in our catalog? TCI may be able to custom manufacture it for you. As a contracting firm, we have unsurpassed scientific expertise, specialty processes, laboratories and the equipment to complete nearly any synthesis challenge.

In a partnership on a custom project, we'll deliver:

- Seamless transition - from early R&D to industrial production
- Reliable project management
- Fast and direct material sourcing
- Domestic production capabilities
- Material specifications, QC, and documentation to meet your needs

Our specialty is total synthesis of organics. This includes synthetic targets that are up to 20 steps from the original starting material. Depending on the project, our capabilities range from milligram to ton scale.

MANUFACTURING FACILITIES

USA: Portland (cGMP Available)
ISO 9001:2015 Certification (48139)
ISO 14001:2015 Certification (48138)

Japan: Fukaya (cGMP Available)
ISO 9001:2000 Certification (JQA-QM8374) and IQNet Certification (JP-JQA-QM8374)
ISO 14001:2004 Certification (JQA-EM5386) and IQNet Certification (JP-JQA-EM5386)

China: Shanghai

HEALTH AND SAFETY

At TCI, we take health and safety very seriously. TCI subscribes to the ChemStewards® initiative of the Society of Chemical Manufacturers & Affiliates (SOCMA). ChemStewards® is an adaptable environmental, health, safety, and security (EHS&S) program that promotes continuous performance improvement in chemical manufacturing. Implementation of this leads to enhanced EHS&S performance as well as improved operating performance.



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