

# PRODUCTIONchemicals



Synthetic Organic Chemistry | Life Science  
Materials Chemistry | Analytical Science

# PRODUCTION CHEMICALS

## CONTINUOUS SUPPLY

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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

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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

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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 (other sizes may be available):

TCI Product Number	Fisher Scientific Cat. No.	Chemical Name	CAS Number	Type
A2457	A24575G	2-Azido-1,3-dimethylimidazolium Hexafluorophosphate	1266134-54-6	Azide
A5351	A535110G	ANS-NH4 (=Ammonium 8-Anilino-1-naphthalenesulfonate)	28836-03-5	Fluorescent Probe
B0448	B044825ML	Benzyltrimethylammonium Hydroxide (40% in Methanol)	100-85-6	Quaternary Ammonium Salt
I0009	I000925G	Diethanolamine Hydrochloride	14426-21-2	Amino Alcohol
D0239	D023925G	1,4-Diaminobutane	110-60-1	Polyamine
D1075	D107525G	2,4-Diamino-6-diallylamino-1,3,5-triazine	91-77-0	Triazine
D3752	D37521G	1,2-Di(4-pyridyl)ethane	4916-57-8	Pyridine
D2591	D25915G	2,6-Dimethoxy-4-methylphenol	6638-05-7	Phenol
H0104	H010425G	1,2,6-Hexanetriol	106-69-4	Polyol
M0125	M012525ML	3-Methoxy-1,2-propanediol	623-39-2	Alcohol
P0886	P088625ML	Pentaerythritol Tetra(3-mercaptopropionate)	7575-23-7	Dithiol Monomer
P0490	P049025G	1,2,3-Propanetricarboxylic Acid	99-14-9	Carboxylic Acid
T0797	T079725G	p-Tolyldiethanolamine	3077-12-1	Alcohol
T1336	T133625G	Sodium Trifluoroacetate	2923-18-4	Fluorinating Agent
M0326	M032625ML	tert-Butyl Methacrylate Monomer (stabilized with MEHQ)	585-07-9	Acrylic Monomer
T0039	T00391G	Tetrabromophenol Blue	4430-25-5	Indicator for Titration
T1279	T127925G	Tetrabutylammonium Hexafluorophosphate	3109-63-5	Ammonium Salt
T1079	T1079500G	Trimellitic Anhydride Chloride	1204-28-0	Tetracarboxylic Dianhydride
C0897	C089725ML	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

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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

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**USA:** Portland (cGMP Available)  
ISO 9001:2008 Certification (48139)  
ISO 14001:2004 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

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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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