



Supporting Innovation Since 1995

Booth #718

Brendan O'Brien, MS

Business Development Associate

**CHEMICAL CHALLENGES, SMART SOLUTIONS**

# Chem Pacific: A Global Partner for Scalable Chemistry

Founded in 1995 (New Jersey)

HQ Moved to Baltimore, Maryland in 1999

~20 employees in U.S. operations

100% U.S. owned global footprint

Manufacturing: Zhapu, China (100+ staff)

New facility opening in **Malaysia Summer 2026**



# COMPANY OVERVIEW

## US FACILITY

NON-GMP AND CGMP MANUFACTURING

PROCESS AND R&D DEVELOPMENT

LAB SCALE (UP TO 1KG)

KILO LAB (UP TO 5 KG)

## CHINA FACILITY

NON-GMP AND CGMP MANUFACTURING

SCALE-UP MANUFACTURING

PILOT PLANT (5 KG TO 1000KG)

COMMERCIAL (1 MT TO 100MT)

## MALAYSIA FACILITY

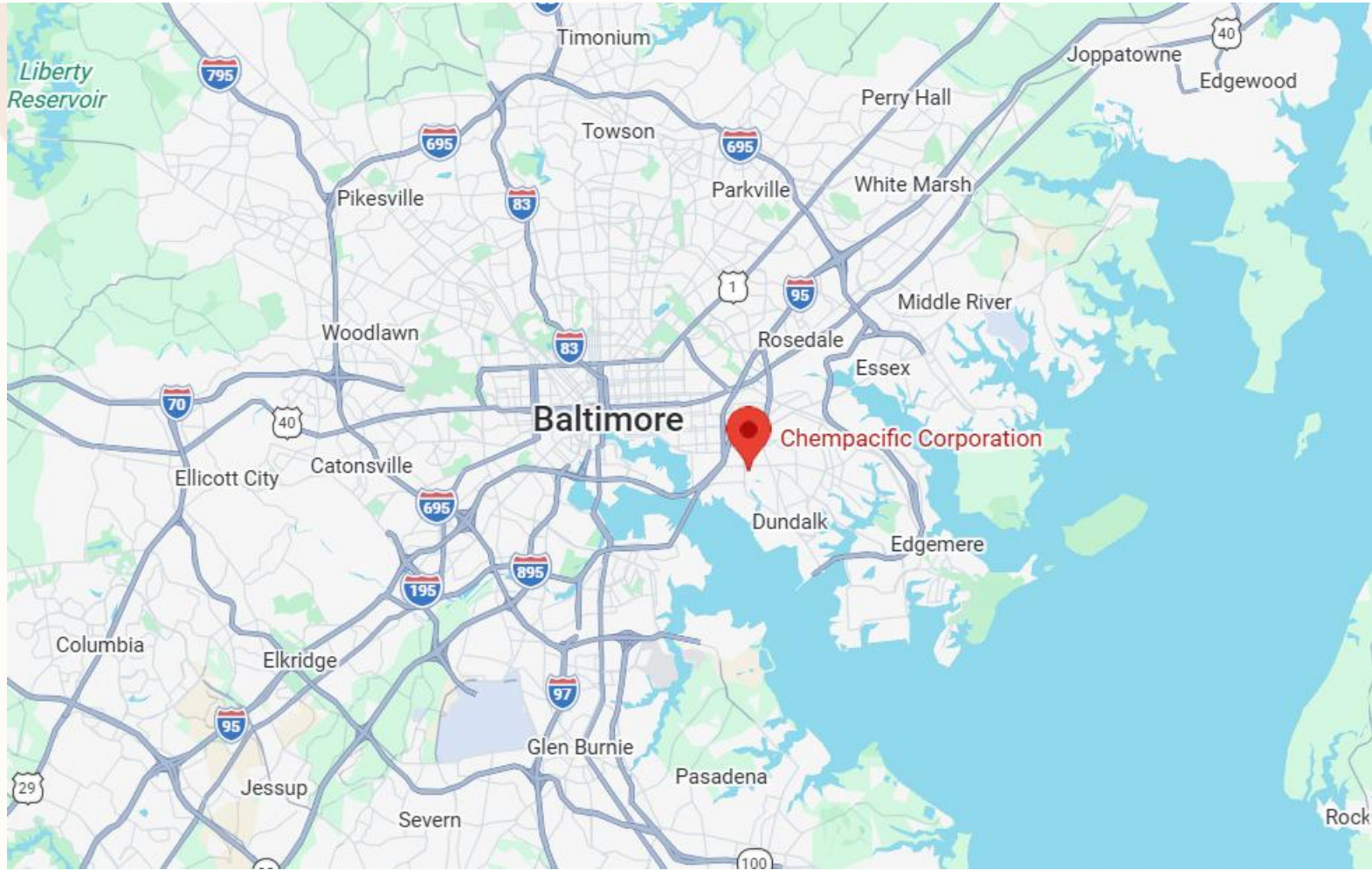
OPENING SUMMER 2026

NON-GMP MANUFACTURING

KILO/ PILOT PLANT

COMMERCIAL (1 MT TO 100MT)

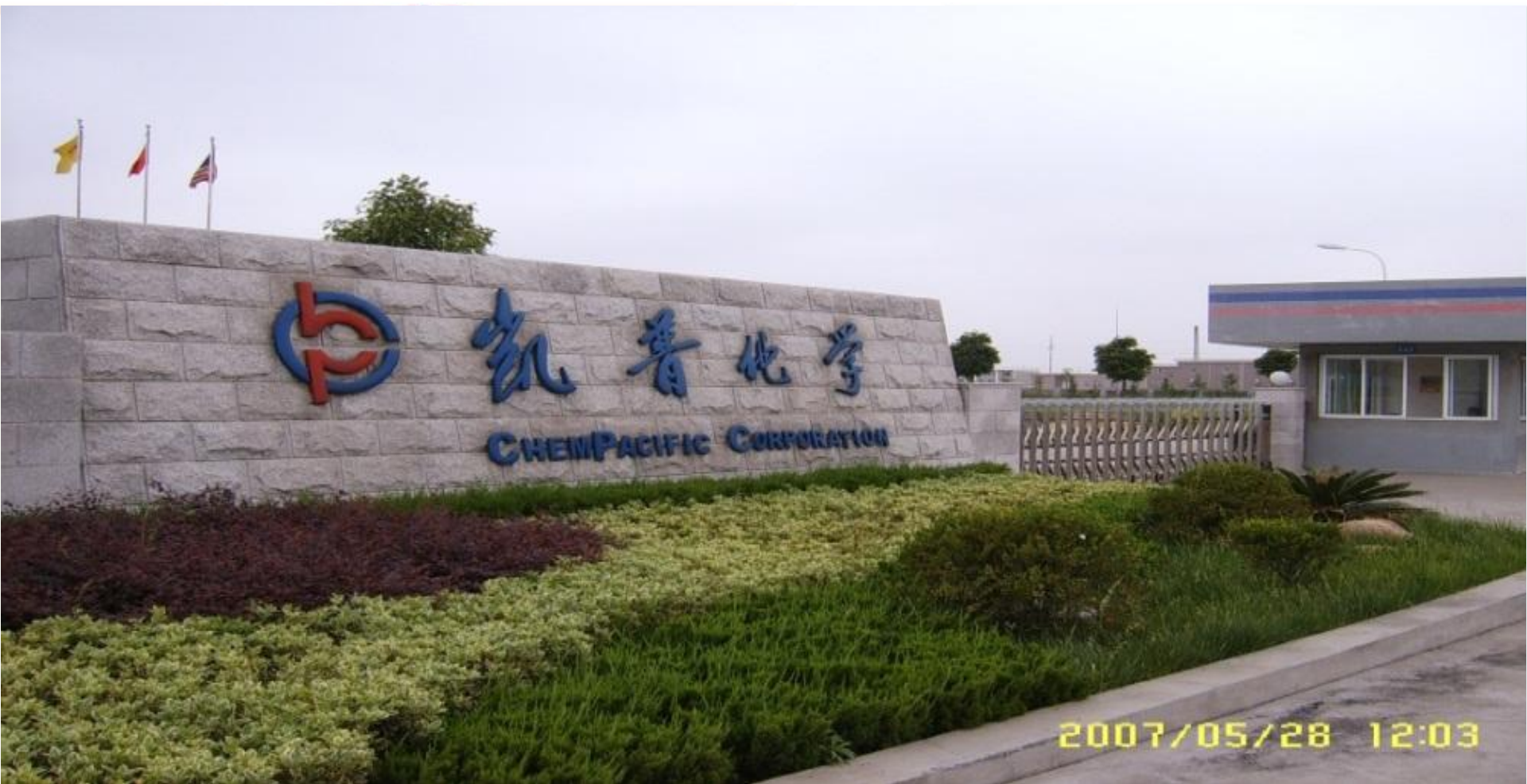
# CHEMPACIFIC Headquarters



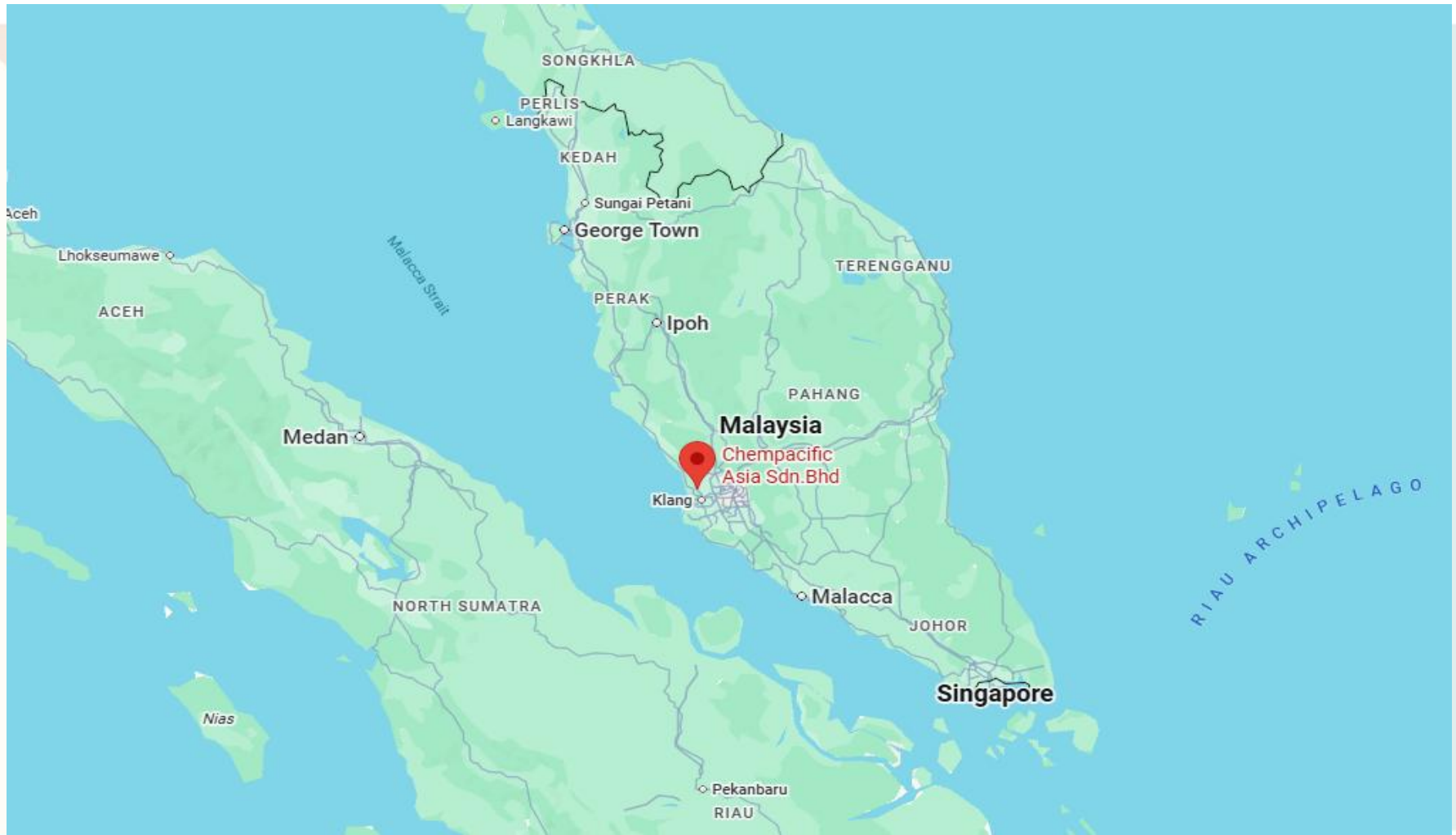
# ZHEJIANG CHEMPACIFIC



# ZHEJIANG CHEMPACIFIC



# CHEMPACIFIC ASIA (Malaysia)



# CHEMPACIFIC ASIA (Malaysia)





# COMPETITIVE ADVANTAGE

## OUR TEAM

- 100% AMERICAN OWNED
- 100% AMERICAN SENIOR LEADERSHIP
- EXPERIENCED, US-BASED CHEMISTS ON STAFF
- KNOWLEDGEABLE, COMMUNICATION-FOCUSED SALES TEAM

## OUR DIFFERENCE

- SINGLE US POINT OF CONTACT
- “NO SURPRISES” COMMUNICATION PHILOSOPHY
- DEDICATED AND RIGOROUS PROJECT MANAGEMENT



## COMPETITIVE ADVANTAGE

### WE PROTECT YOUR IP

US-based “need-to-know” IP culture

NDA's in place for all employees

Molecules are coded

Information is compartmentalized

Name of end customer is never disclosed  
to plant personnel

## Certifications

- Regularly inspected by the FDA (last inspection 2025)
- Quality Management System (ISO9001 Certified since 2012)
- Environmental Management System (ISO14001 Certified since 2014)
- Ecovadis score 56/100 (Silver Tier)
- Committed to reducing our carbon emissions by 63% 2035 (SBTi)





## Why Chem Pacific? We have 30+ years of experience developing projects like yours!

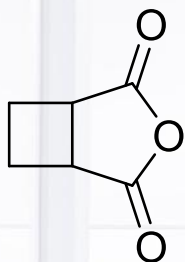
### Your Dilemma:

- Limited internal bandwidth
- Need for flexible, responsive partners
- Need access to niche building blocks
- Cost-effective scale-up pathways
- Reliable long-term supply & IP protection

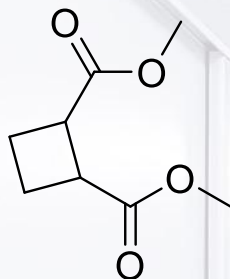
### Our Solution:

- Full scale labs and expertise
- Direct line of communication with project managers
- Access to specialty intermediates and starting materials
- Global supply solutions, with strict IP protection

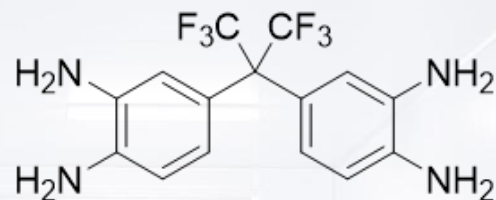
# High-Value Building Blocks for Advanced R&D



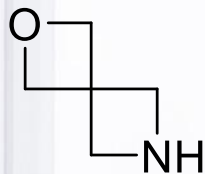
CAS 4462-96-8  
Electronic materials



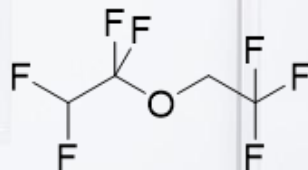
CAS 3396-20-1  
Electronic materials



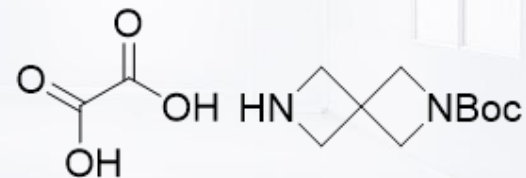
CAS 61005-79-6  
Semiconductor/ Battery Materials



CAS 174-78-7  
Pharmaceutical Intermediate



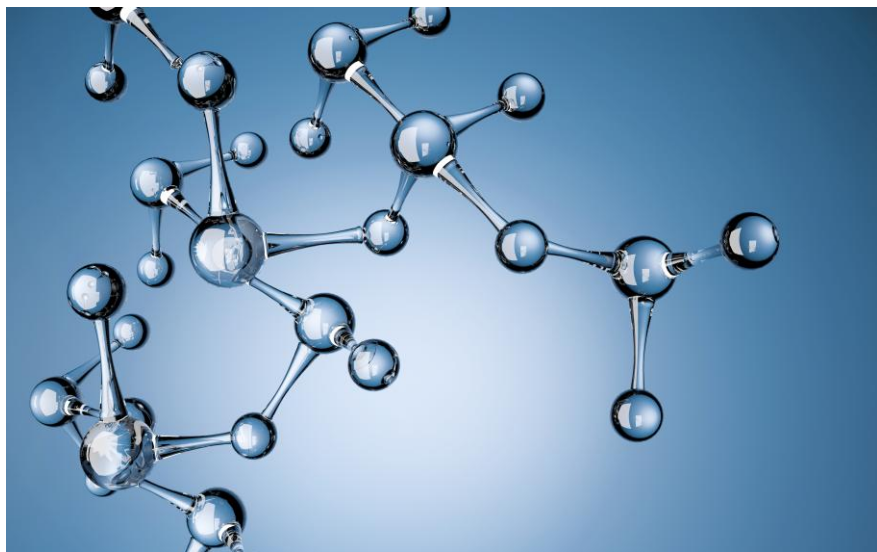
CAS 406-78-0  
Specialty Solvent for Electronics



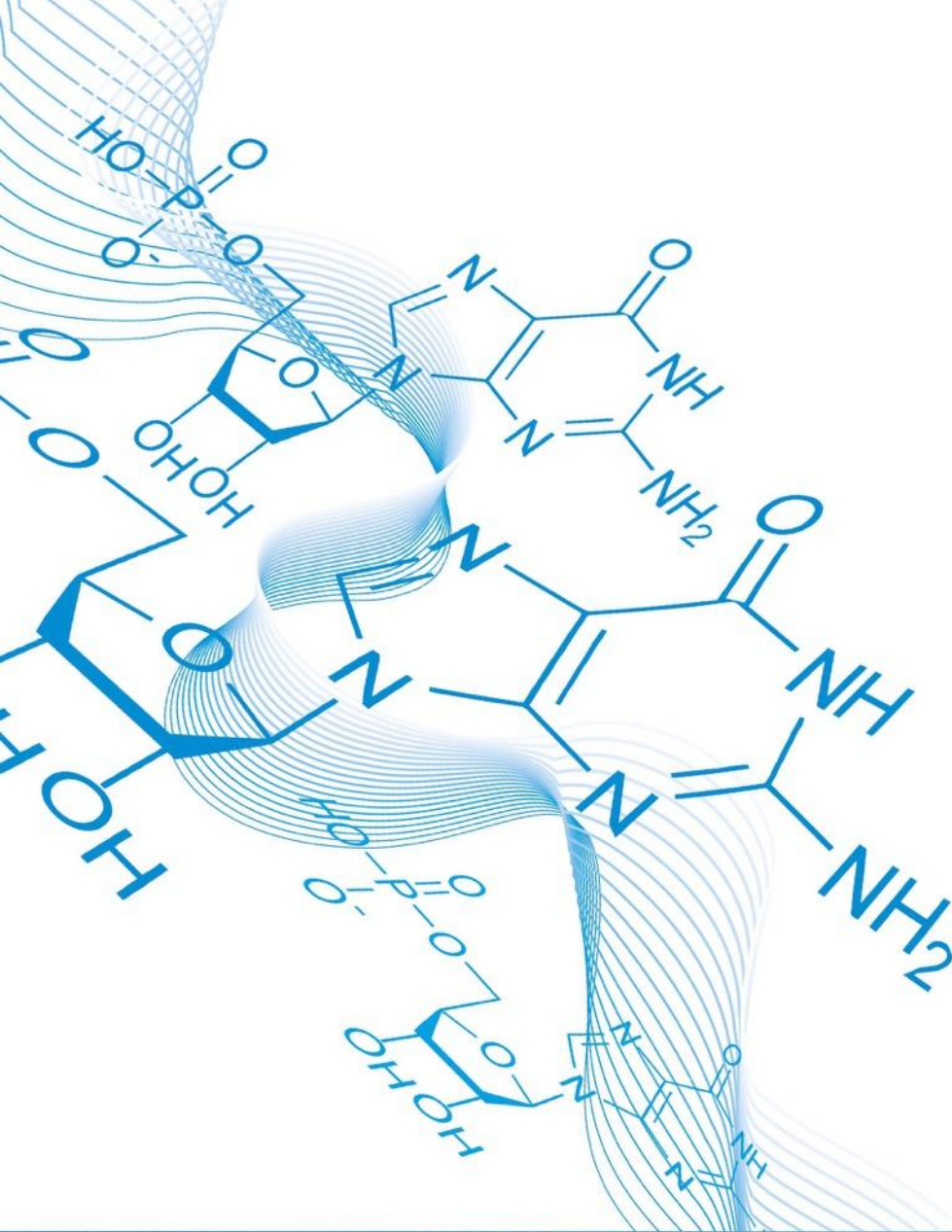
CAS 1041026-71-4  
Pharmaceutical Intermediate



# How Our Specialty Intermediates Support Small Business Innovation



- Faster route development
- Access to unique chemical space
- Reduced R&D risk
- Scalable supply from day one
- Cost-effective sourcing for niche building block



## CHEMICAL CAPABILITIES

HF and KF Fluorination

Per-fluorinated Aromatics

Suzuki Coupling Organics

Organometallic/Oxygen Sensitive

Chiral Synthesis

Unnatural Amino Acids

Indolines and Indoles

Heterocyclic Synthesis

## CASE STUDIES

### CASE#1: GENERIC API-PENTOSTATIN

NAME: **NIPENT® /PENTOSTATIN**

CHEMPACIFIC PROCESS: TOTAL SYNTHESIS OF 12 STEPS

ZHAPU: STEP 1 TO STEP 6 (NON-GMP)

BALTIMORE: STEP 7 TO STEP 12 (GMP)

US RESEARCH-CHINA PRODUCTION:

CHINA: SUPPLY OF ADVANCED INTERMEDIATE;

BALTIMORE: API MANUFACTURE/DMF SUBMISSION

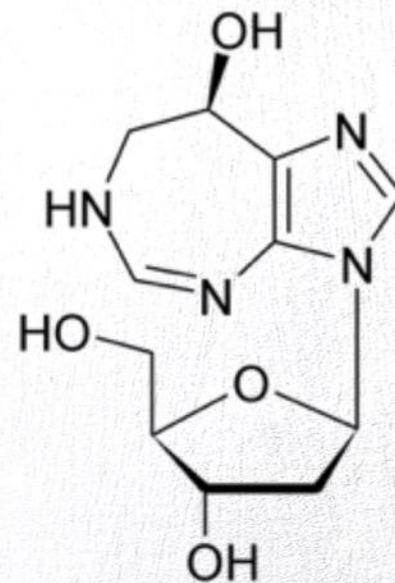
KEY POINTS:

CHEMPACIFIC DEVELOPED THE FIRST CHEMICAL PROCESS FOR THIS API

CHEMPACIFIC OWNS THE PENTOSTATIN PROCESS PATENT

US-CHINA SYNERGY MADE THE COST MANAGEABLE FOR THIS

COMPLEX PROJECT



**DMF NO. 18235**



## CASE STUDIES

### CASE#2: KILO SCALE CHINA PRODUCTION

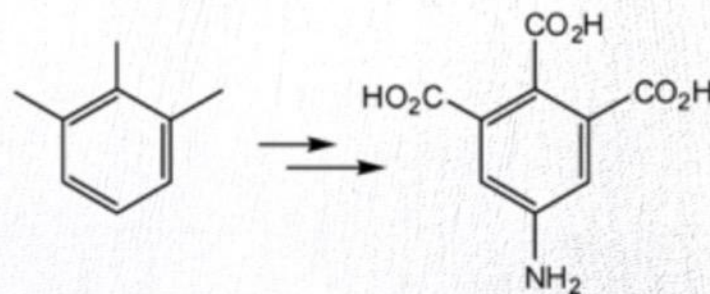
NAME: 3,4,5-TRICARBOXYLICACID-  
1-AMINOBENZENE

US RESEARCH-CHINA PRODUCTION:

KEY POINTS:

BALTIMORE: PROCESS DEVELOPMENT

CHINA: 3-STEP CUSTOM MANUFACTURE



**15,000 KG/Y**

## CASE STUDIES

### CASE#3: KILO SCALE CHINA PRODUCTION

NAME: **CYCLOBUTENE DIPHOSPHINES**

US RESEARCH – CHINA PRODUCTION

BALTIMORE: PROCESS DEVELOPMENT

CHINA: 10-STEPS SYNTHESIS

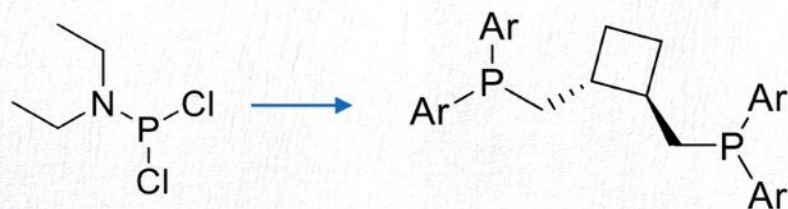
KEY POINTS:

HIGHLY OXYGEN/MOISTURE SENSITIVE PROCESS

OXYGEN SENSITIVE PRODUCT

DIFFICULT PURIFICATION

MT SCALE



# **Norepinephrine Bitartrate (NEB)**

(DMF #16344)

<b>GMP PRODUCTION:</b>	<b>Since 2002</b>
<b>FDA DMF:</b>	<b>#16344, active since December 20, 2002</b>
<b>TGA MF:</b>	<b>#e006746, submitted on August 31, 2022</b>
<b>FDA INSPECTIONS:</b>	<b>Multiple, latest in February 2024, EIR issued May 8, 2024</b>
<b>PARTNER AUDITS:</b>	<b>Multiple GMP audits by European and American pharmaceutical companies</b>
<b>FDA APPROVALS:</b>	<b>NEB APIs produced by ChemPacific Corp. used in ANDA-approved finished products by three companies</b>
<b>QUALITY ASSURANCE:</b>	<b>State-of-the-art production facility ensures the highest quality and safety standards</b>
<b>CLIENT TRUST:</b>	<b>Trusted by leading pharmaceutical companies for over two decades</b>
<b>SUPPORT:</b>	<b>Dedicated customer support team to assist with all client needs</b>

# Eco-Friendly Latex Rubber Emulsions

ChemPacifc Latex Rubber Emulsions Products								
	Regular Butyl Latex				Polyisoprene Emulsion	Bromo Butyl Latex		Chloro-Sulfonated Polyethylene Emulsion
	IIRL-30	IIRL-40	IIRL-50	IIRL-55	IRL-60	BIIRL-45	BIIRL-55	CSM
Particle Size / $\mu\text{m}$	0.5-2.0				0.5-2.5			1.0-3.0
Total Solids	30-35	40-44	45-50	51-55	55-65	40-45	50-55	45-55
Relative Density	0.9-0.91				0.9-0.92	0.9-0.91	0.9-0.93	1.07-1.20
pH	10-12				11-12	10-12		9-10
Appearance	White liquid							
Viscosity	10-20	30-50	50-100	50-150		100-200	200-300	<500
Storage Conditions	Store away from light, temperature 5° - 40°C							
Storage Stability	≤12 months							
Chemical Stability	Meets impregnation requirements							
Mechanical Stability	>1000's		> 1800's		>1500's	> 1800's		> 1000's

## Why Businesses Choose Chem Pacific

- 30+ years of synthesis expertise
- Startup-friendly flexibility
- Clear path from R&D to scale-up
- Specialty intermediates + custom chemistry
- Global supply chain with U.S. oversight
- Strict IP protection
- Reduced costs at scale



## **CHEMPACIFIC CORPORATION**

FOR MORE INFORMATION PLEASE CONTACT

[SALES@CHEMPACIFIC.COM](mailto:SALES@CHEMPACIFIC.COM)

(410) 633-5771

Let's connect at booth # 718!

