

# Intermediates and Reagents

*High-purity reagent portfolio with semiconductor-grade impurity control delivers reliable and consistent quality*

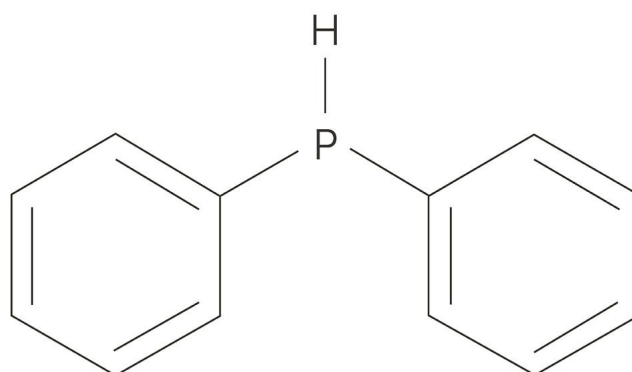
As a leader in specialty chemicals and advanced materials for the microelectronics, life sciences, and other high-tech industries, we can accelerate your new product development efforts and manufacturing supply chain by providing critical materials at the appropriate scale, and within the communicated delivery schedule. Our portfolio of intermediates and reagents is tailored to your manufacturing requirements and specifications to meet your high-quality customized needs.

Our unique, versatile, and practical organophosphorus-based/derived portfolio includes key intermediates for pharmaceutical and industrial applications and phosphazene super bases that facilitate delicate deprotonation reactions. Our high-purity portfolio with semiconductor-grade impurity control provides reliable and consistent quality.

Our experienced R&D teams provide deep chemistry expertise in an innovative culture to deliver custom synthesis solutions that meet your proprietary development needs. With our extensive manufacturing capabilities, we can handle a range of projects from grams to metric ton quantities, through scale-up and full commercialization. We also provide chemical process development, piloting, and custom chemical manufacturing.

## APPLICATIONS

- Active pharmaceutical ingredients (API) for small molecule drug manufacturing
- Organic synthesis in chemical manufacturing processes
- Preparation of materials for OLEDs



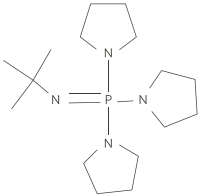
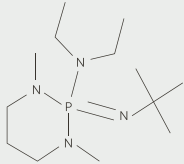
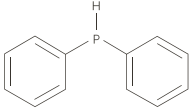
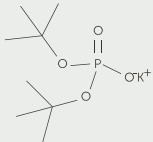
## FEATURES & BENEFITS

<b>Organophosphorus-based reagent portfolio including key intermediates and phosphazene super bases</b>	Provides unique and versatile solutions and facilitates delicate deprotonation reactions
<b>High-purity, semiconductor-grade impurity control</b>	Enables reliable and consistent quality for consistent yields and results
<b>Customer collaboration</b>	Proactive and regular team communication and encouraged site visits enable beneficial idea exchange and enhance on-track progress
<b>Advanced scientific expertise</b>	Technical transfers, R&D, scale-up optimization, and continuous improvement are conducted by PhD chemist-led teams that are supported by world-class quality and analytical resources
<b>ISO 9001 and ISO 14001 certifications</b>	The Entegris quality management system (QMS) certified by the ISO 9001 standard ensures provision of consistent quality products meeting customer and regulatory requirements
	The Entegris environmental management system (EMS) following the ISO 14001 standard assures a strategic and integrated approach to managing and improving environmental performance

## SPECIFICATIONS

Our products are made to strict specifications and our experienced R&D teams can partner with you to meet your proprietary development needs. With our manufacturing capabilities and resources, we can deliver on communicated timing requirements as well as high-quality customized solutions. [Contact us](#) with your specifications.

## Product Portfolio

Catalog #	CAS #	Common Name	Product	Structure
BUT1726	161118-67-8	–	Tert-Butyliminotri(pyrrolidino)phosphorane	
BUT1999	98015-45-3	BEMP	2-tert-Butylimino-2-diethylamino-1,3-dimethylperhydro-1,3,2-diazaphosphorine	
DIP0312	829-85-6	DPP	Diphenylphosphine	
DIT1722	33494-80-3	DTBP	Di-tert-butylphosphate, potassium salt	

#### FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](https://www.entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

#### TERMS AND CONDITIONS OF SALE

All purchases are subject to Entegris' Terms and Conditions of Sale. To view and print this information, visit [entegris.com](https://www.entegris.com) and select the [Terms & Conditions](#) link in the footer.



Corporate Headquarters  
129 Concord  
Billerica, MA 01821  
USA

Customer Service  
Tel +1 952 556 4181  
Fax +1 952 556 8022  
Toll Free 800 394 4083

Entegris®, the Entegris Rings Design®, and other product names are trademarks of Entegris, Inc. as listed on [entegris.com/trademarks](https://www.entegris.com/trademarks). All third-party product names, logos, and company names are trademarks or registered trademarks of their respective owners. Use of them does not imply any affiliation, sponsorship, or endorsement by the trademark owner.

©2022 Entegris, Inc. | All rights reserved. | Printed in the USA | 9000-11171DSA-1122

[www.entegris.com](https://www.entegris.com)