

Pharmicell Chemical Business Unit



Address

Headquarter: 249, Gongdan-ro, Onsan-eup, Ulju-gun, Ulsan, Korea 45009

Tel. +82-70-7124-7390

Fax. +82-31-777-9336

Factory: 249, Gongdan-ro, Onsan-eup, Ulju-gun, Ulsan, Korea 45009

Sales Office: A305, Geumgang Penterium IT Tower, 215, Galmachiro, Jungwon-gu, Seongnam-si, Gyeonggi-do, 13217 Korea

Website

www.pharmicell.com

Contact & E-mail

YoungJoo Kim
83loiskim@pharmicell.com

New World, With advanced materials from diagnosis to therapy

Pharmicell Chemical Business Unit has been the only domestic producer in South Korea of nucleoside derivatives, the most basic raw materials for oligonucleotides and mRNAs, since 1996. We also produce and supply various grades of high-purity mPEGs used as raw materials for DDS (Drug Delivery System), eco-friendly phosphorus-based flame retardants, and other high-value chemical industrial materials to domestic and foreign customers.

In addition, based on decades of accumulated technology and experience, we are expanding our supply to materials used in gene diagnosis and mRNA vaccines. In cooperation with global pharmaceutical companies, we are playing a role as a partner in the field of diagnosis and treatment of diseases, and we are leaping forward as a leader in the fine chemical field through continuous cooperation with major domestic companies in the field of industrial materials.

Pharmicell chemical business unit is a specialized chemical company, and we will become a reliable and successful partner for our customers based on research, manufacturing, and analysis technology for fine chemical products accumulated over 20 years.

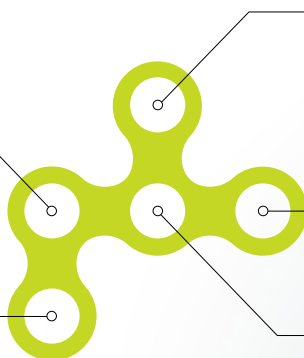
Pharmicell's Business Activities

Nucleosides

- Various types
- High purity
- Globally qualified
- World-leading producer

dNTP Solutions

- Chemically manufactured
- High purity
- Long-term storage stability



mPEGs (Polyethylene glycol)

- High quality & patented technology
- Various types with commercial scale
- World-leading producer

Fine Chemicals

- Eco-friendly flame retardants
- Industrial chemicals

Custom Synthesis

- Full range services
- From initial route scouting to commercial-scale process

Core Technologies

- General chemical reactions
- Phosphorus chemistry
- Special enzyme reactions
- High purity chemical purification
- Named reactions like Friedel-Crafts
- Aromatic chemistry
- Bio-catalyst reactions
- High resolution column system, etc.
- Chiral technologies
- Cyclization
- Inorganic & metal reactions

Main Products

Nucleosides	mPEG Derivatives
<ul style="list-style-type: none"> • DMT-DNAS • DMT-2'-MOE-RNAs • DMT-2'-OTBDMS-RNAs • L-RNAs, etc. • DMT-2'-OMe-RNAs • DMT-2'-F-RNAs • DMT-LNAs 	<ul style="list-style-type: none"> • Methoxy-PEGs: MW 2K / 5K / 10K / 12K / 20K / 30K / 40K • 4-arm-PEGs: MW 10K / 20K / 40K • Intermediate & Activated PEGs: mPEG-amine, mPEG-maleimide, mPEG-NHS, mPEG-aldehyde, mPEG-acetic acid, mPEG-SC, etc.
dNTP Solutions	Fine Chemicals
<ul style="list-style-type: none"> • 2'-Deoxyadenosine 5'-triphosphate • 2'-Deoxycytidine 5'-triphosphate • 2'-Deoxyguanosine 5'-triphosphate • 2'-Deoxythymidine 5'-triphosphate 	<ul style="list-style-type: none"> • Pharmaceutical intermediates • Drug delivery materials • Chemical catalysts: Catalyst for polyol synthesis(PH-DMC) • Phosphorus products: Flame retardants(3-HPP, DPP, DPP-HQ, Poly(bis(phenoxy) phosphazene)