## Yangzhou Upkind Technologies Co., Ltd. 扬州三友合成化工有限公司

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## UPKIND TECHNOLOGIES

ISO9001 Certified Manufacturer National Hi-tech Enterprise

ADVANCED ORGANO-SILICON PRODUCTS
KEY INTERMEDIATES of APIs

2019 www.upkind.com





#### 公司简介 COMPANY PROFILE

扬州三友合成化工有限公司坐落于江苏省扬州市北郊菱塘回族乡,美丽的高邮湖畔。自2003年成立以来,我们一直专注于医药中间体和特种有机硅系列产品的研发、生产及销售。现为国家级高新技术企业,江苏省民营科技企业。

公司主营产品不仅销往国内数家药物生产企业,而且出口至北美、欧洲、印度,日本等地,是 Gilead等多家跨国制药企业的合格供应商。同时,在国内外同类产品中均具有较高的市场占有率。此 外,我们不断开发新产品,拓展产品应用领域,在有机硅新材料领域已经取得了可喜的进展。

公司研发及生产实力雄厚,不仅拥有一批在化学工程、有机合成领域具有丰富实践经验的工程 技术人员,而且核心研发及生产管理人员均来自于北京大学、清华大学和中国科技大学等知名高等 学府,具备将一个新产品快速从小试研发到中试生产,继而进行工业化生产,最终推向市场的一系 列条件和能力。

我们明白产品质量的长期稳定以及良好的售后服务是公司发展的持续保障。为此,公司秉承"强化过程管理,致力持续创新,追求高新品质,满足顾客需求"的质量管理方针,始终坚持以客户为中心,一直致力于质量管理和客户服务,并得到了国内外客户的高度认可。2009年,公司ISO9001:2008质量管理体系顺利通过了SGS的审核认证。同时,我公司高度重视环境保护和安全生产,强化职工培训,重视企业的社会责任,力争在新常态的形势下继续保持竞争优势。

Yangzhou Upkind Technologies Co. Ltd. is located at Lingtang town, in the north suburb of Yangzhou city, Jiangsu Province, near the beautiful Gaoyou Lake. Since it was founded in 2003, the company has been focused on the development, production and marketing of pharmaceutical intermediates and organo—silicon speciality chemicals. It has been certified as the Chinese National High—Tech Enterprise.

Our major products have gained high market shares in domestic as well as international markets, we are the approved raw material supplier of Gilead Sciences and several other giant pharmaceutical companies, our international customers come from USA, Europe, India, Japan and Korea. Recently, we have been developing new products and have successfully expanded our market application to organo—silicon related advanced materials.

With strong R&D capabilities and manufacturing expertise, we have the ability to develop new products from laboratory synthesis to pilot, then to bulk production.

We understand that the assurance of good quality and services to customers are the key issues to the sustainable development of our company, our quality management policy requires us to focus on the process management, continued innovation, and to pursuit the best quality and meet customers' needs. We have been ISO9001: 2008 certified by SGS since 2009. Meanwhile, we place a high value on environmental, safety and employee health issues, we regard it important to take our social responsibilities. Through learning and training, we believe our employees will improve their overall skills, and our company will stay ahead of the competition.

#### 设备设施Facilities











#### **Intermediates of APIs**

Product & CAS NO.	Structure	Product & CAS NO.	Structure
氯甲基甲基碳酸酯 Chloromethyl methyl carbonate 40510-81-4	CI O O	氯甲基异丙基碳酸酯 Chloromethyl isopropyl carbonate 35180-01-9	CI O O
1-氯乙基异丙基碳酸酯 1-Chloroethyl isopropyl carbonate 98298-66-9	CI O O	1-氯乙基环己基碳酸酯 1-Chloroethyl cyclohexyl carbonate 99464-83-2	CI O O
L-丙氨酸乙酯盐酸盐 L-alanine ethyl ester hydrochloride 1115-59-9	O NH <sub>2</sub> ·HCl	L-丙氨酸异丙酯盐酸盐 L-alanine isopropyl ester hydrochloride 39825-33-7,62062-65-1	O NH <sub>2</sub> ·HCl
L-高丝氨酸内酯盐酸盐 L-homoserine lactone hydrochloride 2185-03-7,2185-02-6	ONH <sub>2</sub> ·HCl	R-碳酸丙烯酯 R-propylene carbonate 16606-55-6	





#### **Organo-silicon products**

#### 硅烷 silanes and silicon products

Product & CAS NO.	Structure	Product & CAS NO.	Structure
六甲基二硅烷 Hexamethyldisilane 1450-14-2	 SiSi	三甲基硅基乙炔 Trimethylethynylsilane 1066-54-2	Si
三甲基硅基-1-丙炔 Trimethyl 1-propynylsilane 6224-91-5		三异丙基硅基乙炔 Triisopropylethynylsilane 89343-06-6	Si
烯丙基三甲基硅烷 Allyltrimethylsilane 762-72-1	-Si-	三甲基氰硅烷 Trimethylcyanosilane 7677-24-9	—Si——N

#### 含氢硅烷 hydro silanes

Product & CAS NO.	Structure	Product & CAS NO.	Structure
三乙基硅烷 Triethylsilane 617-86-7	SiH	三异丙基硅烷 Triisopropylsilane 6459-79-6, 6485-79-6	SiH
苯基二甲基硅烷 Phenyldimethylsilane 766-77-8	SiH	叔丁基二甲基硅烷 tert-Butyldimethylsilane 29681-57-0	——SiH
1,4-双二甲基硅基苯 1.4-Phenylene bis(dimethylsilane) 2488-01-9	SiH—SiH		

#### 丙烯酸硅酯 silyl acrylate

Product & CAS NO.	Structure	Product & CAS NO.	Structure
三异丙基丙烯酸硅酯 Triisopropylsilyl acrylate 157859-20-6	Si-O-O	三异丙基甲基丙烯酸硅酯 Triisopropylsilyl methacrylate 134652-60-1	Si-O O

### **Organo-silicon products**

#### 卤代硅烷 halo silanes

Product & CAS NO.	Structure	Product & CAS NO.	Structure
三甲基溴硅烷 Trimethylbromosilane 2857-97-8	—Si—Br	三甲基碘硅烷 Trimethyliodosilane 16029-98-4	Si—I
三乙基氯硅烷 Triethylchlorosilane 994-30-9	Si—Cl	三异丙基氯硅烷 Triisopropylchlorosilane 13154-24-0	Si—Cl
叔丁基二甲基氯硅烷 tert-Butyldimethylchlorosilane 18162-48-6	— Si—CI	苯基二甲基氯硅烷 Phenyldimethylchlorosilane 768-33-2	Si—CI
氯甲基三甲基硅烷 Chloromethyltrimethylsilane 2344-80-1	-Si-CI	2-(三甲基硅烷基)乙氧甲基氯 2-(Chloromethoxy)ethyltrimethysilane 76513-69-4	Si—OCI
二异丙基二氯硅烷 Diisopropyldichlorosilane 7751-38-4	CI Si— CI	甲基苯基二氯硅烷 Methylphenyldichlorosilane 149-74-6	CI Si— CI

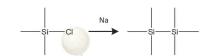
#### 烷氧基硅烷 alkoxy silanes

Product & CAS NO.	Structure	Product & CAS NO.	Structure
甲基苯基二甲氧基硅烷 Methylphenyldimethoxysilane 3027-21-2	0 -Si 0	甲基环己基二甲氧基硅烷 Methylcyclohexyldimethoxysilane 17865-32-6	O -Si O
二环戊基二甲氧基硅烷 Dicyclopentyldimethoxysilane 131390-32-4	o-si-	环戊基环己基二甲氧基硅烷 Cyclohexyl-cyclopentyl-dimethoxysilane 163802-49-1	O-Si-O
二异丙基二甲氧基硅烷 Diisopropyldimethoxysilane 18230-61-0	>-Si		

#### **Reactions**

#### Grignard

#### Wurtz



#### Esterification



# Wurtz Fittig Na Si-Cl Na Si-C

Halogenation

#### Hoffman Rearrangement Friedel-Crafts Alkylation