

Small Molecule Kinase Inhibitors: Market Research Report

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Abstracts

This report analyzes the Global Market for Small Molecule Kinase Inhibitors in Millions of US\$ by the following Product Segments: Gleevec/Glivec, Tarceva, Sutent, Nexavar, Sprycel, Iressa, Tykerb/Tyverb, and Others.

Annual forecasts are provided for the period 2006 through 2015.

The report profiles 83 companies including many key and niche players worldwide such as Amgen, Inc., Asahi Kasei Pharma Corporation, AstraZeneca plc., Bayer Schering Pharma AG, Bristol-Myers Squibb Company, Celgene Corporation, Exelixis, Inc., F. Hoffmann-La Roche, Ltd., Chugai Pharmaceutical Co, Ltd., Genentech, Inc., GlaxoSmithKline plc., KAI Pharmaceuticals, Inc., Merck & Co., Inc., Mitsubishi Tanabe Pharma Corporation, Novartis International AG, Onyx Pharmaceuticals, Inc., OSI Pharmaceuticals, Inc., Pfizer, Inc., Takeda Pharmaceutical Company Limited, Millennium Pharmaceuticals Inc, S*Bio Pte Ltd., Sanofi-Aventis, Vertex Pharmaceuticals Incorporated, and Wyeth.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.

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Approvals

Approvals Pending

Erlotinib (Tarceva® - OSI Pharmaceuticals/ Genentech/ Roche)

Approvals

Approvals pending

Related Clinical Trials

Sunitinib (Sutent® - Pfizer)

Approvals

Related Clinical Trials

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Approvals

Related Clinical Trials

Dasatinib (SPRYCEL® - Bristol-Myers Squibb)

Approvals

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Iressa®: A Controversial Anti-Cancer Drug

Approvals

Approvals Pending

Related Clinical Trials

Key Ongoing Clinical Trials on Iressa

Lapatinib (Tyverb® / Tykerb® - Glaxo SmithKline)

Approvals

Related Clinical Trials

Temsirolimus (TORISEL™ - Wyeth)

Approvals

Rapamycin (Rapamune® - Wyeth)

Approvals

Nilotinib (Tasigna® - Novartis)

Approvals

Approvals Pending

Related Clinical Trials

Everolimus (Afinitor® - Novartis)

Approvals

Approvals Pending

Related Clinical Trials

Small Molecule Kinase Inhibitor Drugs In Pipeline

Pazopanib (Glaxo SmithKline)

Approvals Pending
Related Clinical Trials
Vandetanib (Zactima® - AstraZeneca)
Related Clinical Trials
Cediranib (Recentin™ - AstraZeneca)
Related Clinical Trials
Ridaforolimus (Merck/ ARIAD)
Related Clinical trials
Bosutinib (Wyeth)
Related Clinical Trials
Alvocidib (Sanofi-Aventis)
Related Clinical Trials
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HER2 Inhibitors
VEGF (Vascular Endothelial Growth Factor) Inhibitors
FLT3 (Fms-like tyrosine kinase 3) Inhibitors
Non- Receptor Tyrosine Kinase Inhibitors
BCR-Abl Kinase Inhibitors
Src Kinase Inhibitors
Janus (JAK) Kinase Inhibitors
Serine-Threonine Kinase Inhibitors
mTOR (Mammalian Target of Rapamycin) Inhibitors
Rho Kinase Inhibitors
CDK (Cyclin Dependent Kinase) Inhibitors
Protein Kinase C (PKC) Inhibitors
PI3K (Phosphatidylinositol-3-Kinase) Inhibitors

Aurora Kinase Inhibitors
MAP (Mitogen activated protein) / MEK Inhibitors
JNK (C-JUN N-TERMINAL KINASE) INHIBITORS
Others

4. PRODUCT LAUNCHES

KAI Initiates Third Phase IIa Trial for KAI-1678
SuperGen Discovers a New Class of Kinase Inhibitors
AVEO Joins Hands with Biogen to Develop and Market ErbB3-Targeted Antibodies
AVEO Identifies New Indication for AV-951 Triple VEGF Receptor Inhibitor
GPC Biotech Demonstrates Role of Kinase Inhibitor in Multiple Myeloma Treatment
MD Biosciences and PharmaGap Join Hands
New JAK Inhibitor Drug from Pfizer Enters Phase III Trial
Millennium Commences Phase II Trials for MLN8237
Astex Therapeutics Develops Structure of Cyclin Dependent Kinase 4
Astex Teams up with Cancer Research UK on Clinical Trials of AT9283
Astex Presents AT7519, a Cyclin Dependent Kinase Inhibitor
Cell Biosciences Unveils First Kits for Oncoprotein Analysis
Plexikon Partners with Roche to Develop and Commercialize PLX5568
OSI Applies Additional NDA for Tarceva
KAI and BMS Forms Global Alliance on KAI-9803
Kosan Biosciences Commences Phase II Trial for Alvespimycin
Plexikon Announces Commencement of Phase 1 PLX5568 Trial
Exelixis Instigates Phase III XL184 Trial
Oncothyreon Commences Phase I PX-866 Clinical Trial
Iressa As Efficient as Chemotherapy for Lung Cancer
Iressa Proves Useful for Non-smoker Patients
GPC Biotech Commence Enrollment in Phase 1 RGB-286638 Trial
AVEO Commences Phase I Clinical Trials of AV-951
Onyx and Bayer Secure FDA and EC Approval for Nexavar®
Product Patent Application for Iressa Rejected
OSI Pharmaceuticals to Launch Tarceva® in Japan
New Plk1 Kinase Inhibitor BI 2536 Developed
Kinex Files IND Application for KX2-391
Wyeth Receives FDA Approval for TORISEL for Advanced Renal Cancer Treatment
Nexavar Gets Approval from Swiss Authorities for Treatment of Kidney Cancer
(Switzerland)

5. RECENT INDUSTRY ACTIVITY

Merck Agrees to Merge with Schering-Plough
Pfizer Agrees to Acquire Wyeth
S*BIO, Tragara Signs Exclusive Agreement
GPC Biotech to Merge with Agennix
Sanofi-Aventis to acquire Bipar Sciences
Pfizer Takes Over Serenex
Roche to Acquire Piramed
Eli Lilly Acquires SGX Pharmaceuticals
Takeda Acquires Millennium
Eli Lilly Acquires ImClone Systems
Antisoma Acquires Xanthus
Cellzome and GSK to Jointly Develop Kinase Inhibitors
Deciphera Pharmaceuticals Partners with Eli Lilly in Oncology Therapy
ACT Biotech Agrees to Acquire the Under Clinical Stage Oncology Portfolio of Bayer Healthcare
Cancer Research UK Enters into Clinical Development Agreement with AstraZeneca
Daiichi and ArQule Enter into Product Development Agreement
Cellzome and GlaxoSmithKline Form Alliance
Emiliem Enters into Agreement with NIH
Astex and Janssen Pharmaceutica Form Alliance
Millipore Launches Tyrosine Kinases Integrated with BioForm Technology
Aegera Therapeutics Takes over LymphoSign
ARIAD and Merck Collaborate on AP23573
Invitrogen Form Partnership with Emiliem
Pfizer Collaborate with Rigel, to Develop R343 as Treatment for Allergic Asthma

6. FOCUS ON SELECT PLAYERS

Amgen, Inc. (US)
Asahi Kasei Pharma Corporation (Japan)
AstraZeneca plc (UK)
Bayer Schering Pharma AG (Germany)
Bristol-Myers Squibb Company (US)
Celgene Corporation (US)
Exelixis, Inc. (US)
F. Hoffmann-La Roche, Ltd. (Switzerland)
Chugai Pharmaceutical Co, Ltd. (Japan)

Genentech, Inc. (US)
GlaxoSmithKline plc (UK)
KAI Pharmaceuticals, Inc (USA)
Merck & Co., Inc (USA)
Mitsubishi Tanabe Pharma Corporation (Japan)
Novartis International AG (Switzerland)
Onyx Pharmaceuticals, Inc. (US)
OSI Pharmaceuticals, Inc. (US)
Pfizer, Inc. (US)
Takeda Pharmaceutical Company Limited (Japan)
Millennium Pharmaceuticals Inc (USA)
S*Bio Pte Ltd (Singapore)
Sanofi-Aventis (France)
Vertex Pharmaceuticals Incorporated (US)
Wyeth (US)

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III. COMPETITIVE LANDSCAPE

Total Companies Profiled: 83 (including Divisions/Subsidiaries - 95)

Region/Country Players

The United States

Canada

Japan

Europe

France1

Germany

The United Kingdom
Rest of Europe10
Asia-Pacific (Excluding Japan)

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