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Aspira Scientific Launches Cy*Phine for Drug and Material Development

*Delivering next generation tool developed by A*STAR for efficient cross-coupling chemistry*

SAN FRANCISCO, Calif., April 14, 2015 /PRNewswire/ -- Aspira Scientific, Inc. (Milpitas, California) announced the launch of Cy*Phine, a novel terarylphosphine system for efficient cross-coupling chemistry. The importance of cross-coupling chemistry was highlighted by the Nobel Prize awarded in 2010 to the pioneers of this application. This industrially-relevant application has been used in the production of valuable chemical entities such as pharmaceuticals, agrochemicals, and polymers.

The Cy*Phine system was jointly developed by the Institute of Chemical Engineering Sciences (ICES), a research institute under the Agency for Science, Technology and Research (A*STAR) and A*STAR's Singapore Bioimaging Consortium (SBIC). "The Cy*Phine system represents the next evolution of efficient cross-coupling tools based on rational ligand design," said Dr. Charles Johannes, Head of Organic Chemistry, ICES. This terarylphosphine system demonstrates clear enhancement in active catalyst longevity and product selectivity, compared to the current state-of-art biarylphosphine systems. The performance benefits are improved reaction efficiency. In addition, the terarylphosphine "platform" allows further fine-tuning for performance improvements if needed.

"As a provider of innovative chemistry solutions, we are continuously launching novel tools to enable discovery and development," commented Dr. John Chan, CEO of Aspira Scientific. "We are excited to deliver the new Cy*Phine system to meet the current cross-coupling challenges in chemical-related industries." This latest addition complements well Aspira Scientific's broad portfolio of other cutting-edge tools for drug and material development. Detailed product information for Cy*Phine system is available at: www.aspirasci.com/cystarphine.

About Aspira Scientific, Inc.

Aspira Scientific is a science-centric enterprise dedicated to empowering scientists reach their aspirations in chemical R&D. We achieve this goal through reducing the cost of basic and applied research by offering research products with superior value in terms of price and quality. By leveraging a truly global innovation ecosystem, we also make available a broader set of next-generation enabling tools for chemical synthesis. For organizations with developmental programs, we provide custom production services via "Collaborate Locally. Commercialize Globally.™" model to afford exceptional value in terms of innovation, quality and IP assurance, and cost-efficiency. For more information on realizing your scientific aspirations now and tomorrow, please visit www.aspirasci.com.

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