



October 14, 2014

Caldolor® Safely Treats Fever In Hospitalized Children

- Presented at the 2014 American Academy of Pediatrics National Conference

NASHVILLE, Tenn., Oct. 14, 2014 /PRNewswire/ -- **Cumberland Pharmaceuticals Inc. (Nasdaq: CPIX)** today announced that treatment with intravenous ibuprofen was superior in reducing temperatures in hospitalized, febrile pediatric patients when compared to treatment with oral or suppository acetaminophen. These results were presented at the American Academy of Pediatrics National Conference & Exhibition in San Diego, California.



The studies were designed to evaluate the safety and efficacy in IV ibuprofen when compared to oral or suppository acetaminophen in the treatment of hospitalized, febrile pediatric patients. The studies showed that when given intravenous ibuprofen hospitalized children experienced significant reduction in temperature compared to those receiving acetaminophen (oral or suppository). Both single and multiple doses of IV ibuprofen were well tolerated and no significant adverse events were noted.

The abstract presentations were both presented by Dr. Corrie Chumpitazi of Texas Children's Hospital, Houston, Texas. The abstracts entitled, "*A Multi-Center, Randomized, Open-label, Parallel, Active-Comparator Trial to Determine the Efficacy and Safety of Intravenous Ibuprofen in Pediatric Patients*" was first presented in the section of Emergency Medicine, Friday, October 10, 2014, at 6:45 p.m. PST.

The second abstract presentation was presented in the section on Pharmacy and Therapeutics, Saturday, October 11, 2014 at 12:45 p.m. PST., and again on Sunday, October 12, 2014 at 5:30 p.m. PST.

A poster presentation entitled "*A Multi-Center, Randomized, Open-label, Parallel, Active-Comparator Trial to Determine the Efficacy and Safety of Intravenous Ibuprofen in Pediatric children*" was also presented on Saturday, October 11, 2014 at 12:45 p.m. PST., and again on Sunday, October 12, 2014 at 5:30 p.m. PST.

The mission of the American Academy of Pediatrics is to attain optimal physical, mental, and social health and well-being for all infants, children, adolescents and young adults. To accomplish this, AAP shall support the professional needs of its members. For more information, please visit www.aap.org.

About Caldolor

Caldolor is indicated for the management of mild to moderate pain and management of moderate to severe pain as an adjunct to opioid analgesics, and for the reduction of fever in adults. It is the first FDA approved intravenous therapy for fever. Caldolor is contraindicated in patients with known hypersensitivity to ibuprofen or other NSAIDs, patients with asthma, urticaria, or allergic type reactions after taking aspirin or other NSAIDs. Caldolor is contraindicated for use during the peri-operative period in the setting of coronary artery bypass graft (CABG) surgery. Caldolor should be used with caution in patients with prior history of ulcer disease or GI bleeding, in patients with fluid retention or heart failure, in the elderly, those with renal impairment, heart failure, liver impairment, and those taking diuretics or ACE inhibitors. Blood pressure should be monitored during treatment with Caldolor. For full prescribing information, including boxed warning, visit www.caldolor.com.

About Cumberland Pharmaceuticals

Cumberland Pharmaceuticals Inc. is a specialty pharmaceutical company focused on the acquisition, development and commercialization of branded prescription products. The Company's primary target markets include hospital acute care and gastroenterology. Cumberland's marketed products include Acetadote® (*acetylcysteine*) Injection for the treatment of acetaminophen poisoning, Caldolor® (*ibuprofen*) Injection, the first injectable treatment for pain and fever approved in the United States, Kristalose® (*lactulose*) for Oral Solution, a prescription laxative, Vaprisol® (*conivaptan*) Injection, for the treatment of hyponatremia and Omeclamox-Pak® for the treatment of *H. pylori* and duodenal ulcer disease. Cumberland is

dedicated to providing innovative products that improve quality of care for patients. For more information on Cumberland, please visit the Company's website www.cumberlandpharma.com.

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