

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

November 27, 2009

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES ACT OF 1933**

Momenta Pharmaceuticals, Inc.

File No. 333-113522 - CF#24184

Momenta Pharmaceuticals, Inc. submitted an application under Rule 406 requesting an extension of a previous grant of confidential treatment for information it excluded from the Exhibits to a Form S-1 registration statement filed on March 11, 2004, as amended.

Based on representations by Momenta Pharmaceuticals, Inc. that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibit(s) will not be released to the public for the time period(s) specified:

Exhibit 10.4 through November 1, 2012

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Daniel S. Greenspan
Special Counsel