

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
December 16, 2010**

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

Clinical Data, Inc.

File No. 000-12716 - CF#26099

Clinical Data, Inc. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 8-K filed on December 3, 2010.

Based on representations by Clinical Data, 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 2.1 through November 29, 2015

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

Michael Seaman
Special Counsel