

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
SEPTEMBER 21, 2011**

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

**Cortex Pharmaceuticals, Inc.**

**File No. 001-16467- CF#27298**

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Cortex Pharmaceuticals, Inc. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 10-Q filed on August 18, 2011.

Based on representations by Cortex 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 will not be released to the public for the time period specified:

Exhibit 10.125                      through August 18, 2016

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

Jennifer Riegel  
Special Counsel