

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
March 5, 2012**

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

Isis Pharmaceutical, Inc.

File No. 000-19125- CF#27806

Isis Pharmaceuticals, Inc. submitted an application under Rule 24b-2 requesting an extension of a previous grant of confidential treatment for information it excluded from the Exhibits to a Form 8-K filed on January 4, 2002.

Based on representations by Isis 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 exhibits will not be released to the public for the time periods specified:

| | |
|--------------|--------------------------|
| Exhibit 10.1 | through January 4, 2017 |
| Exhibit 10.3 | through January 4, 2017 |
| Exhibit 10.5 | through February 8, 2015 |

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

Sonia Gupta Barros
Special Counsel