

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
October 11, 2012**

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

Isis Pharmaceuticals, Inc.

File No. 000-19125 - CF#28854

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 September 16, 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 exhibit will not be released to the public for the time period specified:

Exhibit 10.1 through September 12, 2022

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

Sonia G. Barros
Special Counsel