

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
April 7, 2011**

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

**Lantheus Medical Imaging, Inc.**

**File No. 333-173260 - CF#26639**

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Lantheus Medical Imaging, Inc. submitted an application under Rule 406 requesting confidential treatment for information it excluded from the Exhibits to a Form S-4 filed on April 1, 2011.

Based on representations by Lantheus Medical Imaging, 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 10.22                      through December 31, 2012

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

Daniel Greenspan  
Special Counsel