UNITED STATES SECURITIES AND EXCHANGE COMMISSION January 11, 2013

ORDER GRANTING CONFIDENTIAL TREATMENT UNDER THE SECURITIES EXCHANGE ACT OF 1934

Radius Health, Inc.

File No. 001-35726 - CF#29174

Radius Health, 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 20, 2012.

Based on representations by Radius Health, 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 10.1

through December 31, 2017

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

John Reynolds Assistant Director