UNITED STATES SECURITIES AND EXCHANGE COMMISSION December 22, 2016

ORDER GRANTING CONFIDENTIAL TREATMENT UNDER THE SECURITIES EXCHANGE ACT OF 1934

Radius Health, Inc.

File No. 001-35726 -CF#34397

Radius Health, 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 November 3, 2016.

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 June 28, 2022

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

Brent J. Fields Secretary