10870 *Nucleic Acids Research, 2014, Vol. 42, No. 16*
doi: 10.1093/nar/gku669

Erratum

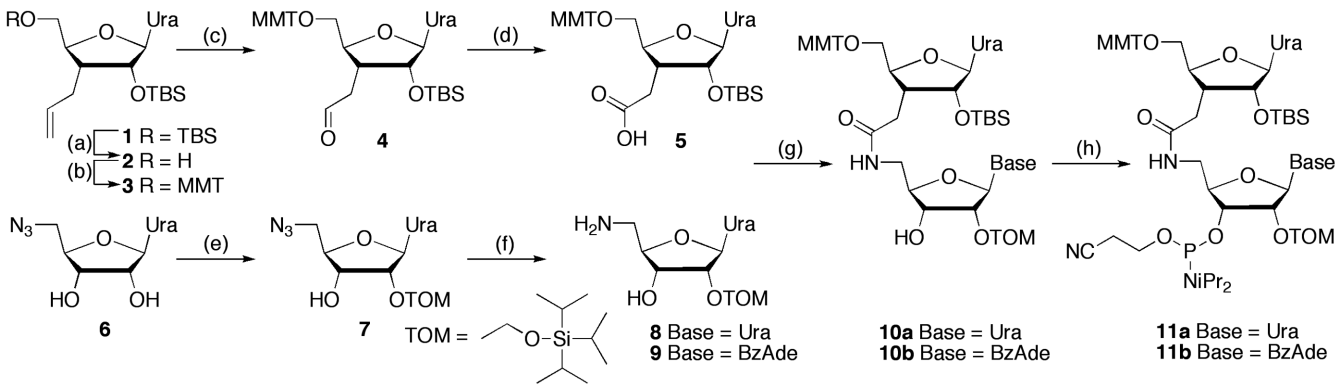
Amides are excellent mimics of phosphate internucleoside linkages and are well tolerated in short interfering RNAs

Daniel Mutisya, Chelliah Selvam, Benjamin D. Lunstad, Pradeep S. Pallan, Amanda Haas, Devin Leake, Martin Egli, and Eriks Rozners

Nucl. Acids Res. (2014) 42 (10): 6542-6551. doi: 10.1093/nar/gku235.

First published online: May 9, 2014. Corrected after print: June 2, 2014.

Due to an error in production, in the original version of this Article published on May 9, 2014, an oversized version of Figure 9 was inserted instead of Scheme 1. Scheme 1 was missing. These errors have now been corrected in the new online version of the Article and Scheme 1 is included below. The Publisher wishes to apologise to the Authors for this error.



Scheme 1. Synthesis of dimeric r(U_{AM1}U) and r(U_{AM1}A) phosphoramidites.[a]
[a]Steps: (a) TFA, THF, H_2O 0 °C, 4 h, 92%; (b) p-methoxytrityl chloride, pyridine, 0 °C to rt, 14 h, 85%; (c) OsO_4, 4-methylmorpholine N-oxide, dioxane, rt, 10 h, then $NaIO_4$ in water, rt, 12 h, 95%; (d) $NaClO_4$, NaH_2PO_4, 2-methylbut-2-ene, *t*-BuOH, THF water, rt, 1 h, 82%; (e) DIEA, Bu_2SnCl_2, dichloroethane, rt, 1 h, then add TOM-Cl, 80 °C, 45 min, 39%; (f) H_2S, pyridine, water, rt, 14 h 93%; (g) HBTU, HOBt, DIEA, CH_2Cl_2, rt, 12 h, 95% **11a**, 86% **11b**; (h) DIEA, $ClP(OCH_2CH_2CN)N(iPr)_2$, CH_2Cl_2, rt, 7 h, 71% **11a**, 60% **11b**.

© The Author(s) 2014. Published by Oxford University Press on behalf of Nucleic Acids Research.
This is an Open Access article distributed under the terms of the Creative Commons Attribution License (http://creativecommons.org/licenses/by/3.0/), which permits unrestricted reuse, distribution, and reproduction in any medium, provided the original work is properly cited.

Downloaded from http://nar.oxfordjournals.org/ at Univ of Iowa-Law Library on March 13, 2015