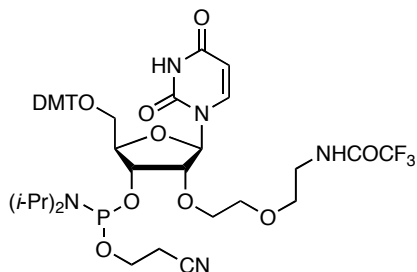


2'-*O*-Aminolinker-U CEP (BA 0281)

Product Information



We offer three uridine-based amino-modifiers for the synthesis of amine-modified RNA, Amino-modifier-C6-U CEP (BA 0247), 5-Aminoallyl-U CEP (BA 0269), and 2'-*O*-Aminolinker-U CEP (BA 0281). If tethering a reporter group to the 2' oxygen of uridine via an amine is preferred, 2'-*O*-Aminolinker-U CEP offers an alternative to 2'-aminouridine and 2'-*O*-(2-aminoethoxy)uridine. Placing the amino group farther from the sugar ring may be advantageous in post-synthetic acylation reactions.

Please note: This product is from our Experimental Grab Bag. The compounds in this unique collection have not been validated for any particular purpose and have not been proven in oligonucleotide synthesis. We hope that you may find them of interest, but please be aware that their purchase and use is at your own risk.

Coupling, cleavage, and nucleobase deprotection: In our hands, standard dilution with acetonitrile and standard RNA coupling protocols using a 12 minute coupling time were successful in achieving >95% coupling yields. Cleavage and nucleobase protection was accomplished by first passing 3:1 concentrated ammonium hydroxide:ethanol through the column over 1-1.5 h, then heating the eluate overnight at 55 °C.