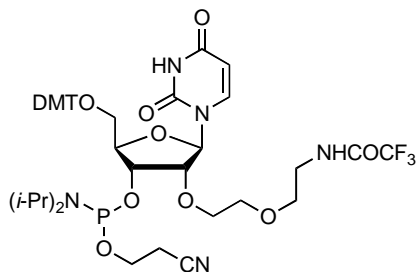


## 2'-*O*-Aminolinker-U CEP (BA 0281)

### 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.

**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.