

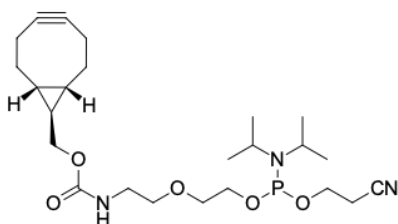
## exo-BCN CE-phosphoramidite

<http://cn.lumiprobe.com/p/exo-bcn-ce-amidite>

BCN-containing phosphoramidite is added at the 5'-terminus of an oligonucleotide. BCN is reactive both to azides (strain-promoted azyde-alkyne cycloaddition, SPAAC) and [tetrazines](#) (inverse electron demand Diels-Alder reaction, IEDDA) .

Coupling time is standard, like for amidites of natural nucleosides. Exclude the dimethoxytrityl (DMT) removal step and use the Dmt-ON protocol after amidite coupling and oxidation.

Use standard conditions for deprotection and ammonia solution, or AMA mixture (ammonium hydroxide / 40% methylamine, 1:1) for 2 hours at room temperature.



外观: 淡黄色油状物

质谱  $M^+$

增量:

分子式:  $C_{24}H_{40}N_3O_5P$

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溶解度:

适用于乙腈

质量:

控制: NMR  $^1H$ , NMR  $^{31}P$  (95%)

储存:

收到后在  $-20^{\circ}C$  黑暗条件下可保存 12 个月。运输: 室温下最多可保存 3 周。干燥。

条件:

法律:

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