



May 04, 2022

PNA Synthesis

Cathy Miller¹

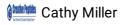
¹Creative Peptides





dx.doi.org/10.17504/protocols.io.eq2lyne9pvx9/v1

Creative Peptides



Peptide nucleic acid is one of the more important oligonucleotide mimics. Although PNA has a significant change in structure relative to oligonucleotides, the binding between PNA and complementary nucleic acids still follows the principle of base complementary pairing, it even has higher affinity than natural nucleotides, and has stronger resistance to degradation by nucleases and proteolytic enzymes. Researchers have designed and synthesized PNA with various structures to optimize its biological stability and availability, target binding characteristics, and pharmacokinetic characteristics.

We provide customers with various types of <u>PNA conjugates</u> and tailor-made PNA products for customer projects to achieve scientific research purposes. Our product analysis service will help our customers perform product analysis without worrying about poor product quality.

DOI

dx.doi.org/10.17504/protocols.io.eq2lyne9pvx9/v1

https://pna.creative-peptides.com/services/pna-synthesis.html

Cathy Miller 2022. PNA Synthesis. **protocols.io** https://dx.doi.org/10.17504/protocols.io.eq2lyne9pvx9/v1

 $_{\scriptscriptstyle -}$ protocol ,

May 04, 2022

May 04, 2022

61923



1

Citation: Cathy Miller PNA Synthesis https://dx.doi.org/10.17504/protocols.io.eq2lyne9pvx9/v1