



Non-Confidential Technology Disclosure

Title: Phosphoramidite Nucleoside Analogs

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Description: This technology describes phosphoramidite nucleoside analog monomers and oligomers. Synthesis of oligomers from the monomers can allow for incorporation of reporter groups, organic molecules, bio-molecules, small molecules or other chemical groups.

Application: The synthetic oligonucleotides would be useful in a variety of therapeutic, diagnostic, and research applications, including but not limited to imaging, drug targeting, and mechanistic studies.

Advantage: This technology overcomes difficulties inherent in other such oligonucleotides resulting from steric hindrances or destabilization, which may result in limitations on the usefulness of the construct. This technology has no such limitations.

Patent Status: Patent pending

Licensing Status: Available to license

Docket: UMMC 07-61

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