

Marek Baranowski

Lista Publikacji

1. Baranowski, M. R., Nowicka, A., Rydzik, A. M., Warminski, M., Kasprzyk, R., Wojtczak, B. A., ... Jemielity, J. (2015). Synthesis of fluorophosphate nucleotide analogues and their characterization as tools for ^{19}F NMR studies. *The Journal of organic chemistry*, 80(8), 3982-3997.
2. Baranowski, M. R., Nowicka, A., Jemielity, J., Kowalska, J. (2016). A fluorescent HTS assay for phosphohydrolases based on nucleoside 5'-fluorophosphates: its application in screening for inhibitors of mRNA decapping scavenger and PDE-I. *Organic & biomolecular chemistry*, 14(20), 4595-4604.
3. Rydzik, A. M., Warminski, M., Sikorski, P. J., Baranowski, M. R., Walczak, S., Kowalska, J., ... Jemielity, J. (2017). mRNA cap analogues substituted in the tetraphosphate chain with CX2: identification of O-to-CCl₂ as the first bridging modification that confers resistance to decapping without impairing translation. *Nucleic acids research*, 45(15), 8661-8675.
4. Chrominski, M., Baranowski, M. R., Chmielinski, S., Kowalska, J., Jemielity, J. (2020). Synthesis of trifluoromethylated purine ribonucleotides and their evaluation as ^{19}F NMR probes. *The Journal of organic chemistry*, 85(5), 3440-3453.
5. Baranowski, M. R., Warminski, M., Jemielity, J., & Kowalska, J. (2020). 5'-fluoro (di) phosphate-labeled oligonucleotides are versatile molecular probes for studying nucleic acid secondary structure and interactions by ^{19}F NMR. *Nucleic acids research*, 48(15), 8209-8224.