

1 *Research Article*

2 ***In silico insights on SARS Cov-2 Main Protease suggest***
3 ***NADH endogenous defences in the control of the pandemic***
4 ***coronavirus infection***

5

6 **Annamaria Martorana, Carla Gentile, Antonino Lauria***

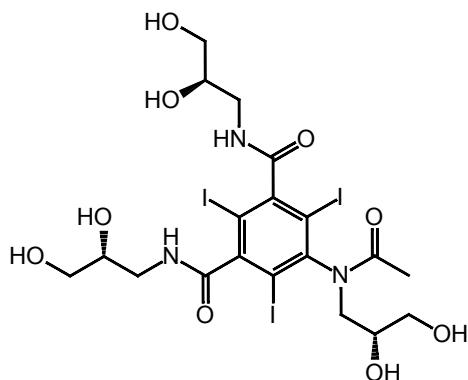
7 Dipartimento di Scienze e Tecnologie Biologiche Chimiche e Farmaceutiche -
8 University of Palermo, Viale delle Scienze – Ed. 17 - I-90128 Palermo, Italy.

9 *Correspondence: antonino.lauria@unipa.it; Phone +39 091238-96818

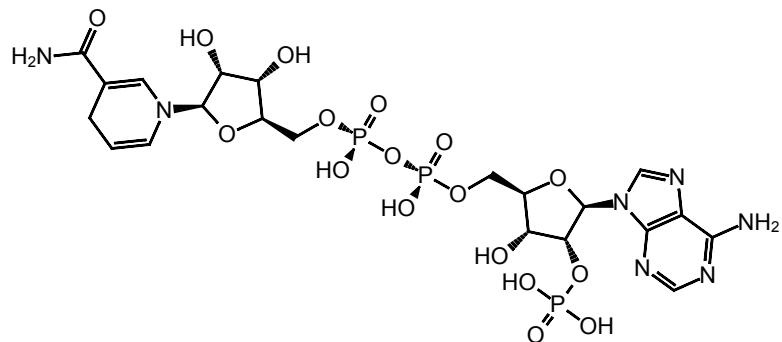
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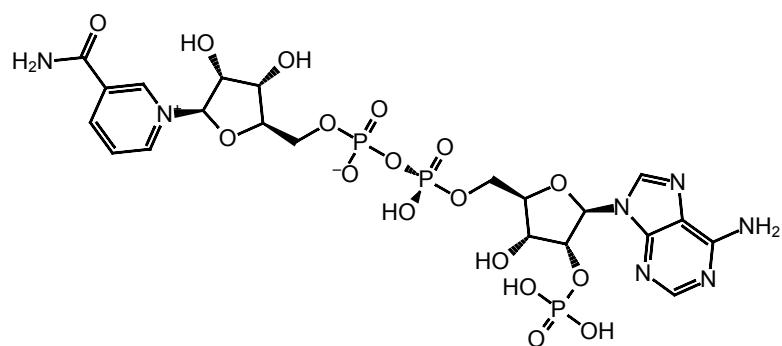
12 Supplementary material S2



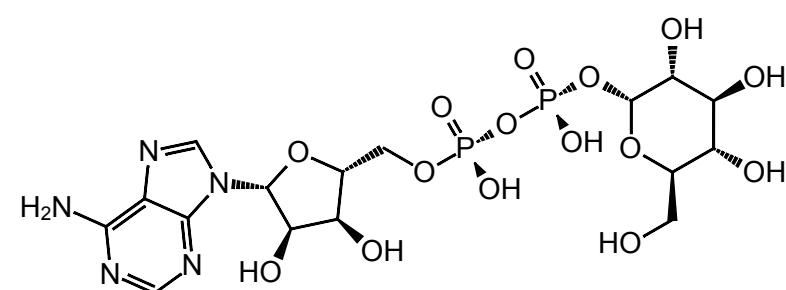
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Iohexol



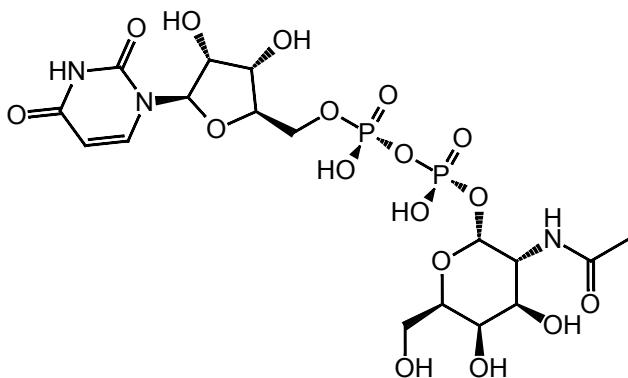
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Nadph Dihydro-Nicotinamide-Adenine-Dinucleotidophosphate



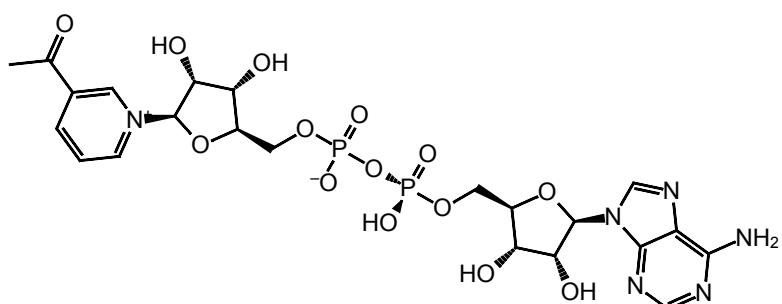
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Nicotinamide adenine dinucleotide phosphate



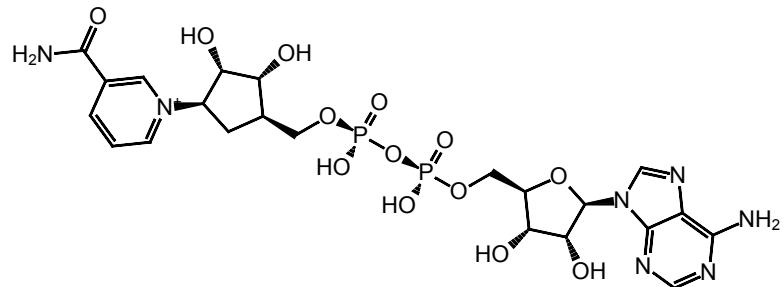
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Adenosine-5'-Monophosphate Glucopyranosyl-Monophosphate Ester



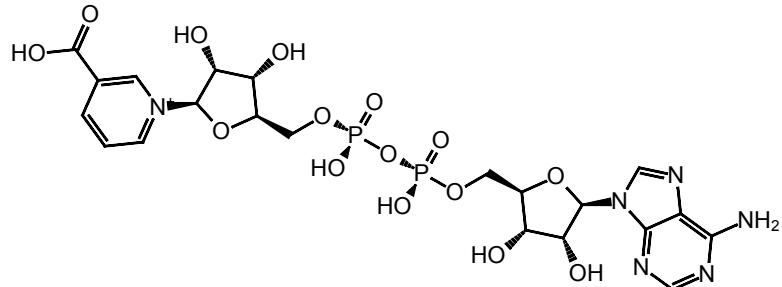
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Uridine-Diphosphate-N-Acetylgalactosamine



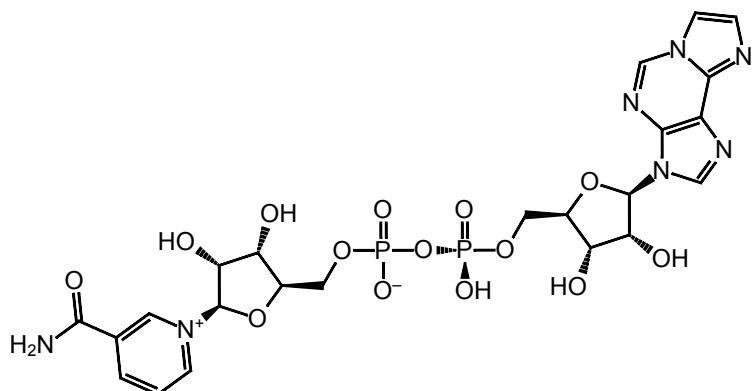
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3-Acetylpyridine Adenine Dinucleotide



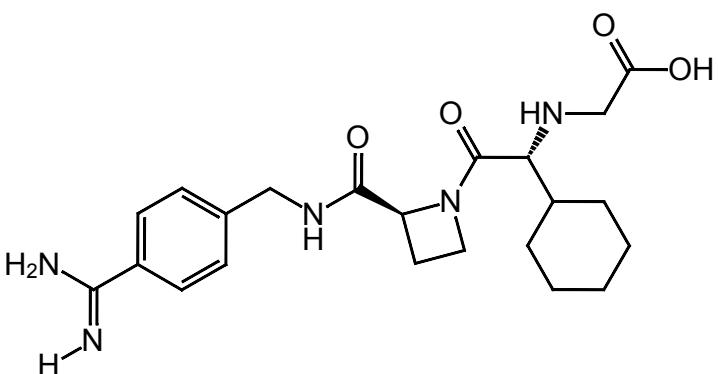
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Carba-nicotinamide-adenine-dinucleotide



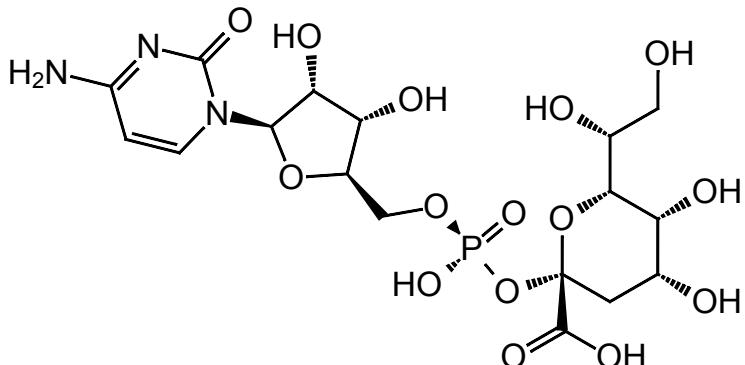
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Deamido-Nad+



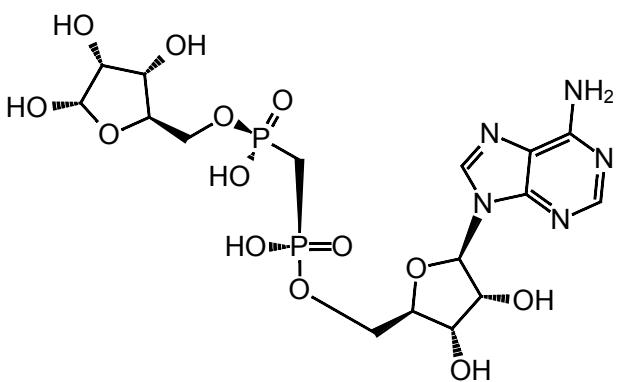
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Etheno-NAD



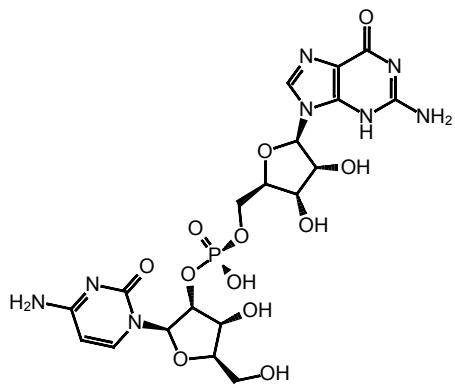
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Melagatran



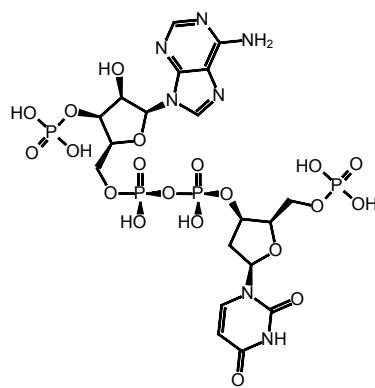
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Cmp-2-Keto-3-Deoxy-Octulosonic Acid



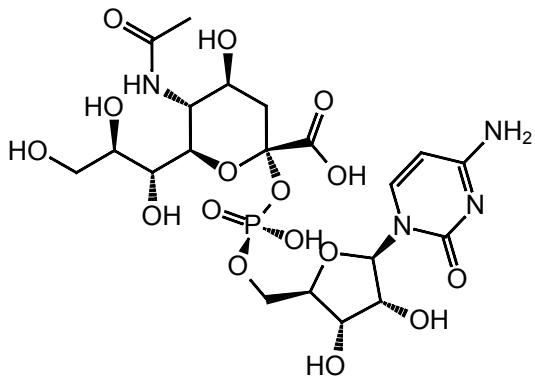
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AMPCPR



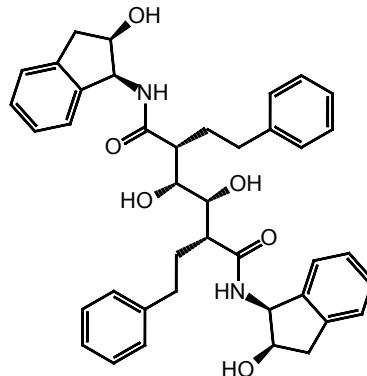
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Cytidyl-2'-5'-phospho-guanosine



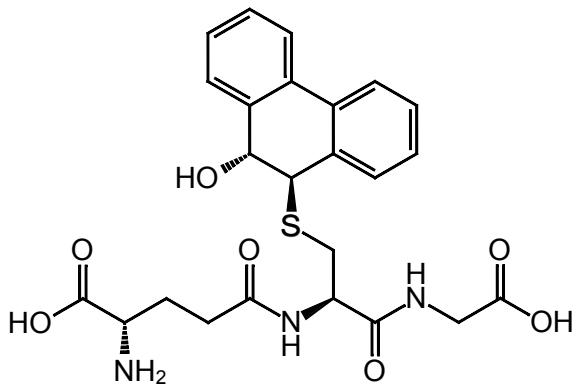
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Adenylate-3'-phosphate-[[2'-deoxy-uridine-5'-phosphate]-3'-phosphate]



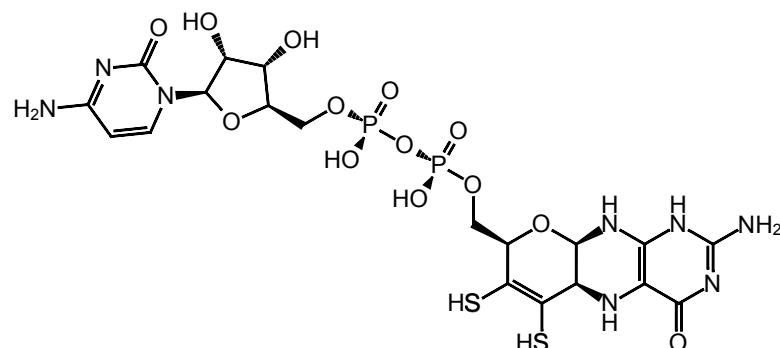
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Cytidine-5'-Monophosphate-5-N-Acetylneuraminic Acid



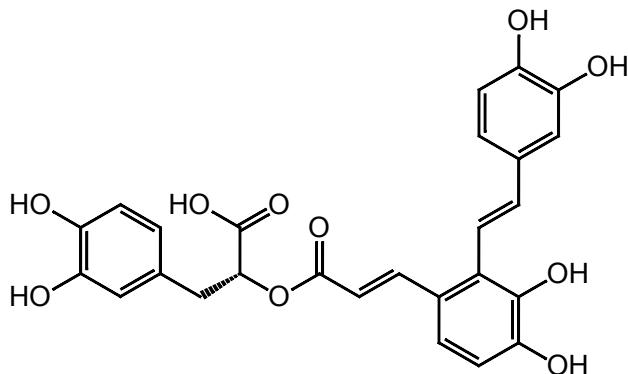
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(2R,3R,4R,5R)-3,4-Dihydroxy-N,N'-bis[(1S,2R)-2-hydroxy-2,3-dihydro-1H-inden-1-yl]-2,5-bis(2-phenylethyl)hexanediamide



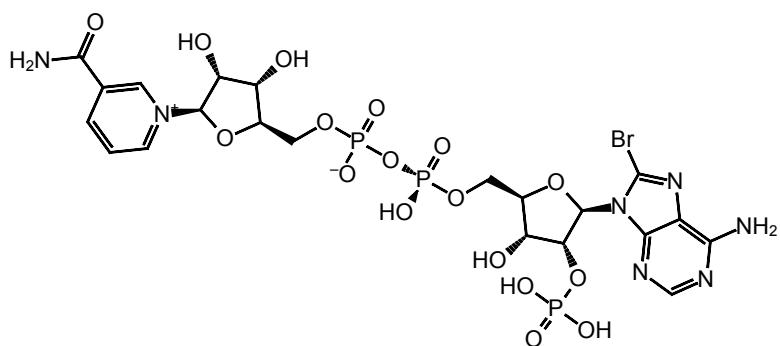
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(9R,10R)-9-(S-glutathionyl)-10-hydroxy-9,10-dihydrophenanthrene



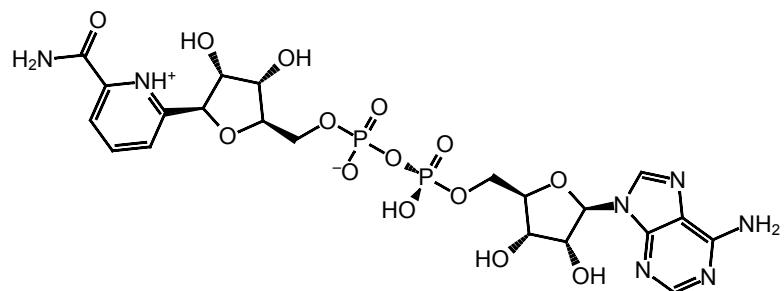
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Pterin Cytosine Dinucleotide



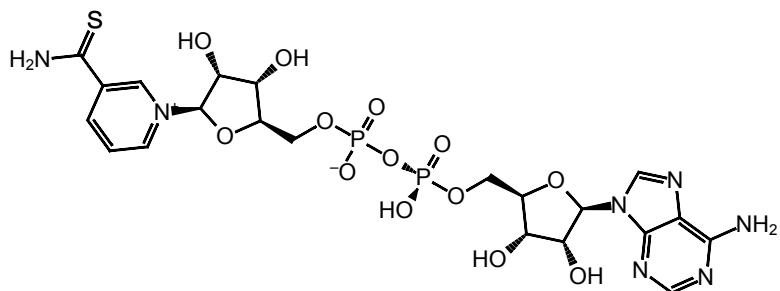
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Salvanolic acid A



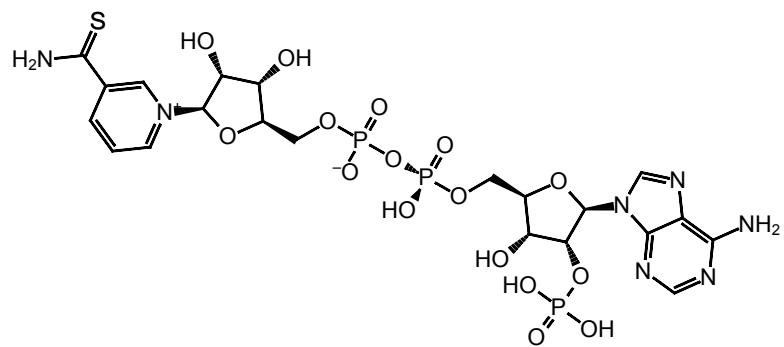
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Nicotinamide 8-Bromo-Adenine Dinucleotide Phosphate



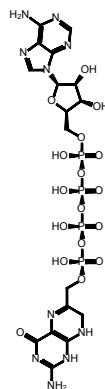
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Cpad



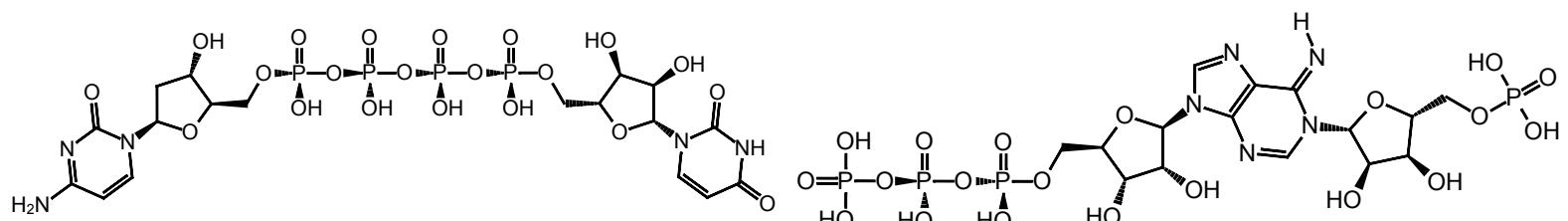
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Thionicotinamide-Adenine-Dinucleotide



5289437
7-thionicotinamide-adenine-dinucleotide phosphate

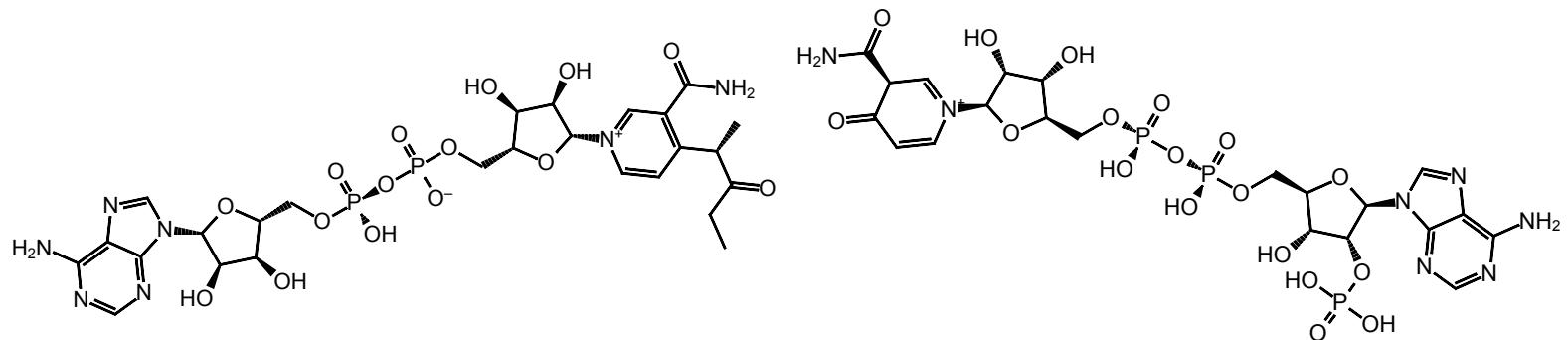


6323200
6-(Adenosine Tetraphosphate-Methyl)-7,8-Dihydropterin



9875516
Denufosol

16019963
1-(5-phospho-D-ribosyl)-ATP



17754101
Nicotinamide adenine dinucleotide 3-pentanone adduct

49867432
4-Oxo-nicotinamide-adenine dinucleotide phosphate