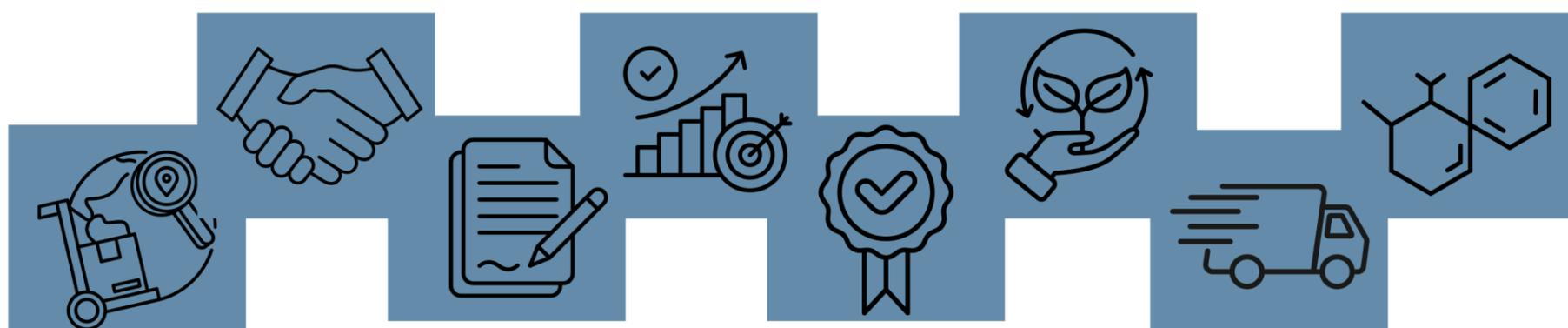


# Vaccine Ingredients

This one-pager provides a concise overview of Sostie's core product family, including representative CAS numbers and brief application-focused descriptions. It is designed to give a clear snapshot of our sourcing scope, product expertise, and the types of chemicals we supply across nutraceutical, food, pharmaceutical, and industrial markets. Should you require a product not listed in this one-pager, please contact us at the email address below.

## Products and Descriptions

N1-Me-Pseudouridine-5 'triphosphate CAS 1428903-59-6	a modified nucleoside triphosphate widely used in mRNA vaccine and therapeutic development. It enhances mRNA stability and translation efficiency while reducing innate immune activation, supporting improved safety and performance.
5-Methylcytidine Triphosphate CAS 3271174-86-7	a modified nucleotide used in mRNA vaccine and therapeutic research. It supports improved mRNA stability and translational efficiency while helping modulate immune recognition.
Adenosine-5 'triphosphate CAS 56-65-5	a natural nucleotide used as a critical building block in mRNA synthesis for vaccine and biopharmaceutical applications. It supports efficient transcription and energy transfer during in vitro transcription processes.
Deoxyadenosine Triphosphate (dATP) CAS 1927-31-7	a fundamental deoxynucleotide used in DNA synthesis and molecular biology workflows. In vaccine and biopharmaceutical production, it supports enzymatic reactions such as PCR and plasmid DNA manufacturing.
Deoxyguanosine Triphosphate (dCTP) CAS 2056-98-2	a core deoxynucleotide required for DNA synthesis in molecular biology and biopharmaceutical workflows. It is widely used in PCR, sequencing, and plasmid DNA production supporting vaccine and therapeutic development.
Deoxythymidine Triphosphate (dTTP) CAS 365-08-2	an essential deoxynucleotide used in DNA synthesis and replication. It plays a key role in PCR, sequencing, and plasmid DNA production for vaccine and biopharmaceutical applications.



### Useful links

- [Product Portfolio](#)
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 [www.sostie.com](http://www.sostie.com)

 [Sostie Inc](#)

 [office@sostie.com](mailto:office@sostie.com)