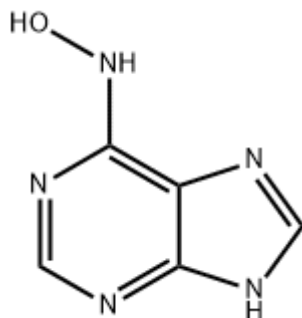


## 6-N-Hydroxylaminopurine

Cat # NB-42-01435 size: 25mg



### Product Information

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<b>Chemical Name:</b>	6-N-Hydroxylaminopurine
<b>Synonyms:</b>	AURORA KA-540; n-hydroxy-adenin; N-Hydroxyadenine; N6-Hydroxyadenine; N-hydroxy-1H-adenine; 6-hydroxyaminopurine; 6-hydroxylaminopurine; n-hydroxy-1h-purin-6-amin; N-Hydroxy-9H-purin-6-amine
<b>Batch Molecular Formula:</b>	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> O
<b>Batch Molecular Weight:</b>	151.13 g/mol
<b>CAS No.:</b>	[5667-20-9]
<b>Physical Appearance:</b>	Pale yellow powder
<b>Melting point:</b>	260°C (decomp)
<b>Storage:</b>	Store at -20° C

### Biological activity

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A metabolite of Adenine is reported to be capable of inducing reversions in wild type, as well as in pso and rad6-1 mutant strains, indicating that this drug may act as a direct mutagen in yeast.

### References

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1. Journal of the American Chemical Society, 80, p. 3932, 1958 DOI: 10.1021/ja01548a033

- CAUTION - Not fully tested. For Research use only. Not for human use. -

NB-42-01435 6-N-Hydroxylaminopurine

## Analytical data

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Infrared: Conforms to reference

Assays: 99.3% by titration (0.1 N HClO<sub>4</sub>)

Water content: 0.2% by KF

Elemental analysis:		Actual	Theory
	C	39.2%	39.7%
	H	3.1%	3.3%
	N	46.2%	46.3%

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