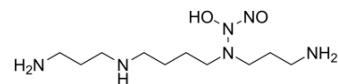


Spermine NONOate

Cat. No.:	HY-101394
CAS No.:	136587-13-8
Molecular Formula:	C ₁₀ H ₂₆ N ₆ O ₂
Molecular Weight:	262.35
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Spermine NONOate is a complex of nitric oxide (NO) with spermine and acts as a NO donor. Spermine NONOate can be used for NO aqueous solutions preparing ^[1] .
In Vitro	Spermine NONOate has a half-life of 39 minutes and 230 minutes at 37°C and 22-25°C, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. A Ramamurthi, et al. Measurement and modeling of nitric oxide release rates for nitric oxide donors. *Chem Res Toxicol*. 1997 Apr;10(4):408-13.
- [2]. K Homer, et al. In vitro comparison of two NONOates (novel nitric oxide donors) on rat pulmonary arteries. *Eur J Pharmacol*. 1998 Aug 28;356(1):49-57.

Caution: Product has not been fully validated for medical applications. For research use only.

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