

Product datasheet

DPTA NONOate (Dipropylenetriamine NONOate), Nitric oxide (NO) donor ab145198

1 References 1 Image

Overview

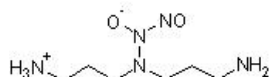
<b>Product name</b>	DPTA NONOate (Dipropylenetriamine NONOate), Nitric oxide (NO) donor
<b>Description</b>	Nitric oxide (NO) donor
<b>Biological description</b>	Nitric oxide (NO) donor. Has an NO releasing half life of 3 hours at 37°C. Liberates 2 moles of NO per mole of parent compound. Shows vasodilatory effects and attenuates pulmonary hypertension <i>in vivo</i> .

[See similar compounds](#)

**Purity** > 98%

**CAS Number** 146724-95-0

**Chemical structure**

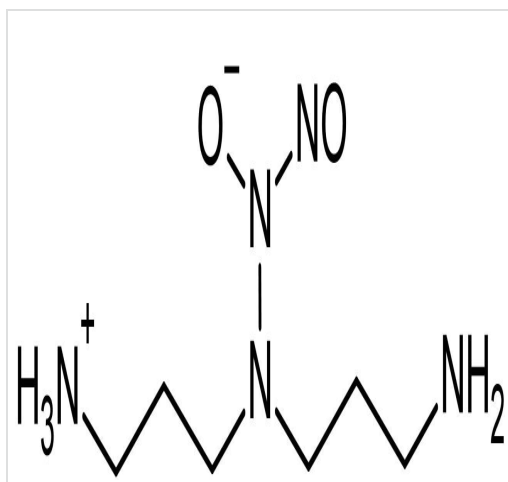


Properties

<b>Chemical name</b>	N-[Bis(3-aminopropyl)amino]-N-hydroxynitrous amide
<b>Molecular weight</b>	191.23
<b>Molecular formula</b>	C <sub>6</sub> H <sub>17</sub> N <sub>5</sub> O <sub>2</sub>
<b>PubChem identifier</b>	177840
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

<b>SMILES</b>	C(CN)CN(CCCN)N(N=O)O
<b>Source</b>	Synthetic

## Images



Chemical Structure - DPTA NONOate  
(Dipropylenetriamine NONOate), Nitric oxide (NO)  
donor (ab145198)

2D chemical structure image of ab145198, DPTA NONOate  
(Dipropylenetriamine NONOate), Nitric oxide (NO) donor

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