

PAPA NONOate, NO Donor

Catalog	Unit
TBI4548-10MG	10 mg
TBI4548-50MG	50 mg

Product Details

Formal Name: N-[3-Aminopropyl(propyl)amino]-N-hydroxynitrous amide

Molecular Formula: C₆H₁₆N₄O₂

Formula Weight: 176.22

CAS Number: 146672-58-4

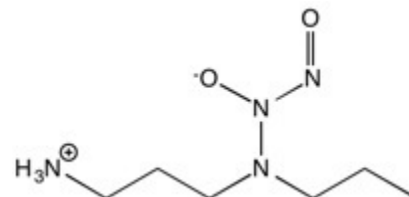
Purity: >98%

Formulation: powder

Solubility: Soluble in Water or Ethanol.

Storage: -20°C

Stability: ≥ 1 year.



Applications

NO Donor

Functions

PAPA NONOate is a nitric oxide donor and dissociates to the free amine and NO in a pH dependent manner. The half-life of PAPA NONOate in 0.1 M phosphate buffer at pH 7.4 is 15 minutes at 37 °C, or 77 minutes at room temperature. Dissociation is essentially instantaneous at a pH of 5.0.

Application Procedures

First dissolved in water or ethanol, then diluted to aqueous buffer.

For research use only.