

DETA NONOate, NO Donor

Catalog	Unit
TBI4527-10MG	10 mg
TBI4527-50MG	50 mg

Product Details

Formal Name: N-[bis(2-Aminoethyl)amino]-N-hydroxynitrus amide

Alternate Names: Diethylenetriamine NONOate

Molecular Formula: C₄H₁₃N₅O₂

Formula Weight: 163.18

CAS Number: 146724-94-9

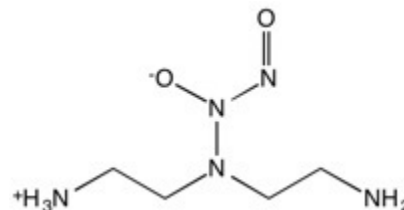
Purity: >98%

Formulation: powder

Solubility: Soluble in Water.

Storage: -20°C

Stability: ≥ 1 year.



Applications

NO Donor

Functions

DETA NONOate is a nitric oxide donor and dissociates to the free amine and NO in a pH dependent manner. The half-life of DETA NONOate in 0.1 M phosphate buffer at pH 7.4 is 20 hours at 37 °C, or 56 hours at room temperature. Dissociation is essentially instantaneous at a pH of 5.0.

Application Procedures

First dissolved in water, then diluted to aqueous buffer.

For research use only.