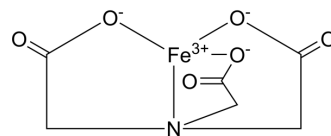


Ferric nitrilotriacetate

Cat. No.:	HY-145157
CAS No.:	16448-54-7
Molecular Formula:	C ₆ H ₆ FeNO ₆
Molecular Weight:	243.96
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ferric nitrilotriacetate (Fe-NTA), a complexation of nitriloacetic acid with iron, is a highly reactive compound used to induce degenerative disorders through oxidative stress (OS). Ferric nitrilotriacetate is also used in several studies to induce hyperglycemia, glycosuria, and both renal and liver carcinogenesis ^[1] .
In Vivo	Ferric nitrilotriacetate can be used in animal modeling to construct kidney cancer models. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Joël Essogo J, et al. Zanthoxylum heitzii Modulates Ferric Nitrilotriacetate-Dependent Oxidative Alterations in Four Vital Organs: An In Vitro Organoprotective Model. Evid Based Complement Alternat Med. 2017;2017:6058150.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA