**Description**

Oxolinic acid is a fluoroquinolone antibiotic that is used in plants and veterinary medicine; it's antibacterial efficacy stems from inhibition of bacterial DNA gyrase. When combined with metals such as ruthenium, manganese, nickel, or zinc, the metal-oxolinic acid complex intercalates with DNA. Additionally, oxolinic acid may lower the threshold for induction of seizure through activation of excitatory amino acid receptors.

**References**


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.