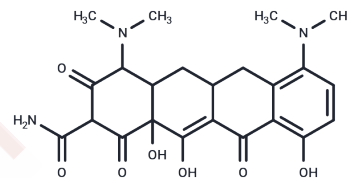


## 4-epi Minocycline

## Chemical Properties

CAS No. :	43168-51-0
Formula:	C <sub>23</sub> H <sub>27</sub> N <sub>3</sub> O <sub>7</sub>
Molecular Weight:	457.483
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	4-epiMinocycline, recognized as a primary degradation product and a probable impurity in minocycline commercial formulations, is derived from minocycline, a broad-spectrum tetracycline antibiotic notable for its extended serum half-life. Besides treating acne, especially in older patients, minocycline exhibits significant anti-inflammatory and neuroprotective effects.
Targets(IC50)	Others, Drug Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1859 mL	10.9294 mL	21.8589 mL
5 mM	0.4372 mL	2.1859 mL	4.3718 mL
10 mM	0.2186 mL	1.0929 mL	2.1859 mL
50 mM	0.0437 mL	0.2186 mL	0.4372 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481