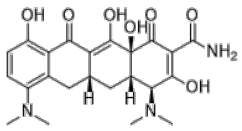
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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Minocycline
Cat. No.	:	PC-28610
CAS No.	:	
Molecular Formula	:	$C_{23}H_{27}N_3O_7$
Molecular Weight	:	457.48
Target	:	Bacterial
Solubility	:	10 mM in DMSO



Biological Activity

Minocycline is a tetracycline antibiotic with neuroprotective, antiapoptotic, anti-inflammatory and antimicrobial effects, inhibits bacterial protein synthesis through binding with the 30S subunit of the bacterial ribosome, also is a hypoxia-inducible factor (HIF)-1α inhibitor.

References

Hu X, et al. Eur J Pharmacol. 2011 Mar 11;654(3):274-9.

Padi SS, et al. Eur J Pharmacol. 2008 Dec 28;601(1-3):79-87.

Venniyoor A, et al. Front Oncol. 2016 Oct 27;6:231.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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