

<b>Product Name:</b>	Nitroferroin
<b>Product Number:</b>	N053
<b>CAS Number:</b>	4199-88-6
<b>Molecular Formula:</b>	$C_{12}H_7N_3O_2$
<b>Molecular Weight:</b>	225.20
<b>Description:</b>	Nitroferroin (5-Nitro-1,10-phenanthroline) is a high potential oxidation-reduction indicator that was recently identified in a high-throughput screen to have antibacterial effects against <i>Clostridium difficile</i> ( <i>C. diff</i> ). It was highly effective in vitro and against other <i>Clostridium</i> spp. and mycobacterium, but no other tested gram-positive and gram-negative bacteria.
<b>References:</b>	Katzianer, D. S., Yano, T., Rubin, H., & Zhu, J. (2014). A high-throughput small-molecule screen to identify a novel chemical inhibitor of <i>Clostridium difficile</i> . <i>International Journal of Antimicrobial Agents</i> , 44(1), 69–73. <a href="http://doi.org/10.1016/j.ijantimicag.2014.03.007">http://doi.org/10.1016/j.ijantimicag.2014.03.007</a>