

<b>Product Name:</b>	Ribavirin
<b>Product Number:</b>	R018
<b>CAS Number:</b>	36791-04-5
<b>Molecular Formula:</b>	$C_8H_{12}N_4O_5$
<b>Molecular Weight:</b>	244.206
<b>Form:</b>	Powder
<b>Description:</b>	Ribavirin is an antiviral compound primarily used to treat hepatitis C.
<b>Mechanism of Action:</b>	Ribavirin is a guanosine analog with a carboxamide group which can mimic the purine nucleosides, guanosine and adenosine. Because of its similarity to these two nucleosides, ribavirin can become incorporated into viral RNA leading to lethal mutations.
<b>Spectrum:</b>	Ribavirin is active against hepatitis C and RNA viruses that cause viral hemorrhagic fevers (VHFs).
<b>References:</b>	Te, Helen S. "Mechanism of Action of Ribavirin in the Treatment of Chronic Hepatitis C." Gastroenterol Hepatol 3.3 (2007): 218-25. NCBI. Web. 21 Sept. 2015.