

Product Name:	Oxymatrine
Product Number:	O031
CAS Number:	16837-52-8
Molecular Formula:	$C_{15}H_{24}N_2O_2$
Molecular Weight:	264.36
Description:	Oxymatrine is an alkaloid extracted from <i>Sophora</i> spp. It has shown antifibrotic and neuroprotective properties, and in the last five years has been studied for its anti-HBV activity. Its antiviral properties were studied due to its use in traditional Chinese medicine. It is very similar in structure to <u>Matrine (M075)</u> .
Mechanism of Action:	The antiviral mode of action of oxymatrine has not yet been proven, though there have been multiple studies.
References:	<p>Wang, Y.-P., Zhao, W., Xue, R., Zhou, Z.-X., Liu, F., Han, Y.-X., ... Jiang, J.-D. (2011). Oxymatrine inhibits hepatitis B infection with an advantage of overcoming drug-resistance. <i>Antiviral Research</i>, 89(3), 227–231. doi:10.1016/j.antiviral.2011.01.005</p> <p>Xu, W.-S., Zhao, K.-K., Miao, X.-H., Ni, W., Cai, X., Zhang, R.-Q., & Wang, J.-X. (2010). Effect of oxymatrine on the replication cycle of hepatitis B virus in vitro. <i>World Journal of Gastroenterology : WJG</i>, 16(16), 2028–2037. http://doi.org/10.3748/wjg.v16.i16.2028</p>