

<b>Product Name:</b>	Stachybotrylactam
<b>Product Number:</b>	S100
<b>CAS Number:</b>	163391-76-2
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>31</sub> NO <sub>4</sub>
<b>Molecular Weight:</b>	385.5
<b>Appearance:</b>	Light Tan Lyophilisate
<b>Description:</b>	<p>Stachybotrylactam is an unusual spirodihydrobenzofuranlactam mycotoxin isolated from a Stachybotrys sp. that has immunosuppressant and weak HIV protease activity. Members of this structural class show diverse activity including antiviral, endothelin and pancreatic cholesterase inhibition.</p> <p>Stachybotrylactam is soluble in ethanol, methanol, DMF and DMSO.</p>
<b>References:</b>	<p>Total synthesis and structure revision of Stachybotrys spiro lactams. Deng W.P. et al. J. Org. Chem. 2003, 68, 7422.</p> <p>Novel spirodihydrobenzofuranlactams as antagonists of endothelin and as inhibitors of HIV-1 protease produced by Stachybotrys sp. I. Fermentation, isolation and biological activity. Roggo B.E. et al. J. Antibiot. 1996, 49, 13.</p> <p>Stachybotrys toxins I, Jarvis B.B. et al. Nat. Toxins 1995, 3, 10.</p>