

Product Name:	Stachybotrylactam
Product Number:	S100
CAS Number:	163391-76-2
Molecular Formula:	$C_{23}H_{31}NO_4$
Molecular Weight:	385.5
Appearance:	Light Tan Lyophilisate
Description:	<p>Stachybotrylactam is an unusual spirodihydrobenzofuranlactam mycotoxin isolated from a <i>Stachybotrys</i> 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>
References:	<p>Total synthesis and structure revision of <i>Stachybotrys</i> 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 <i>Stachybotrys</i> sp. I. Fermentation, isolation and biological activity. Roggo B.E. et al. J. Antibiot. 1996, 49, 13.</p> <p><i>Stachybotrys</i> toxins I, Jarvis B.B. et al. Nat. Toxins 1995, 3, 10.</p>