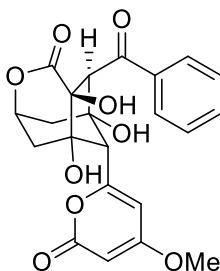


## Deoxyenterocin

Code No.: **BIA-D1332**

Pack sizes: **1 mg, 5 mg**



Synonyms : 8-Deoxyenterocin

### Specifications

CAS #	: 108605-51-2
Molecular Formula	: C <sub>22</sub> H <sub>20</sub> O <sub>9</sub>
Molecular Weight	: 428.4
Source	: <i>Streptomyces</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

### Application Notes

Deoxyenterocin is a minor co-metabolite of enterocin produced by several species of *Streptomyces*. Interestingly, deoxyenterocin was first isolated from an ascidian. Like enterocin, deoxyenterocin exhibits activity against both Gram positive and Gram negative bacteria but lack of availability has restricted a more extensive evaluation.

### References

1. Isolation and microbial antibiotics from a marine ascidian of the genus *Didemnum*. Kang H. et al., *J. Org. Chem.* 1996, 61, 1543.