

## Deoxyenterocin PRODUCT DATA SHEET

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Product Name: Deoxyenterocin

Product Number: D043

**CAS Number:** 108605-51-2

Molecular Formula:  $C_{22}H_{20}O_9$ 

Molecular Weight: 428.4

Appearance: White solid

Storage Conditions: -20°C

**Description:** 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.

Deoxyenterocin is soluble in ethanol, methanol, DMF and DMSO.

**References:** Isolation and microbial antibiotics from a marine ascidian of the genus

Didemnum. Kang H. et al. J. Org. Chem. 1996, 61, 1543.

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