Background Information:

Cycloaspeptides were isolated from *Aspergillus* sp. NE-45\(^1\), *Penicillium ribeum*\(^2\), *Tricothecium* strain\(^3\) and other microorganisms, and cyclic peptide antibiotics. Cycloaspeptide A and D exhibited moderate activity (IC\(_{50}\) 3.5 and 4.7 microg/ml, respectively) against *Plasmodium falciparum*.\(^4\) Cycloaspeptide A showed low cytotoxicity towards human lung fibroblasts with IC\(_{50}\) > or = 1000 microM.\(^5\) Cycloaspeptides are solubilized in methanol or benzene, but insoluble in water.

Handling and Storage:

Store at -20°C.

References:


*Manufactured with Cortesy strain from The Kitasato Institute.*