Product Name: Avenaciolide

Product Number: A136

CAS Number: 16993-42-3

Molecular Formula: C_{15}H_{22}O_{4}

Molecular Weight: 266.3

Appearance: Colourless residue

Storage Conditions: -20°C

Description: Avenaciolide, a bicyclic bis-butyrolactone, was isolated from Aspergillus avenaceus in 1963 as an antifungal agent. Avenaciolide inhibits glutamate transport and is also thought to act as an atypical ionophore.

Avenaciolide is soluble in ethanol, methanol, DMF or DMSO.

Mechanism of Action: Avenaciolide inhibits glutamate transport and is also thought to act as an atypical ionophore.

References:

