

Alternariol 3-Sulfate Ammonium Salt

Art. ID TRC-A575720-50MG
Unit 50 mg

Description

Application Notes: Alternariol 3-Sulfate Ammonium Salt is the ammonium salt of a sulfate derivative of Alternariol (A575760) which is an alternaria mycotoxin and genotoxin, found in common edible crops. Alternariol inhibits the activity of various DNA-topoisomerases, increasing the rate of DNA strand breaks. Alternariol 3- Sulfate Ammonium Salt is currently suspected of being formed during metabolism in contaminated plants. /// References: Asam, S., et al.: J. Agric. Food Chem., 57, 5152 (2009)| Fehr, M., et al.: Mol. Nut. Food Res., 53, 441 (2009)| Tiemann, U., et al.: Toxicol. Lett., 186, 139 (2009)| Mikula, H., et al.: Tetrahedron, 69, 10322 (2013)|

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Alternariol 3-Sulfate Ammonium Salt	[1488351-27-4]				