

Product Name:	Tenuazonic acid
Product Number:	T079
CAS Number:	610-88-8
Molecular Formula:	$C_{10}H_{15}NO_3$
Molecular Weight:	197.2
Appearance:	Blue green powder
Storage Conditions:	-20°C
Description:	Tenuazonic acid is potent tetramic acid mycotoxin produced by several fungal genera, notably <i>Alternaria</i>. Tenuazonic acid exhibits antitumor, antiviral and antibacterial activity. Tenuazonic acid is soluble in DMF and DMSO and is moderately soluble in methanol and ethanol.
References:	Studies in the biochemistry of micro-organisms. 103. Metabolites of <i>Alternaria tenuis</i> Auct.: Culture filtrate products Rosett T. et al. <i>Biochem. J.</i> 1957, 67, 390. Microbial metabolites with insecticidal properties. Cole M. & Rolinson G. N. <i>Appl. Microbiol.</i> 1972, 24, 660. Microbial production of tenuazonic acid analogues. Gatenbeck S. & Sierankiewicz J. <i>Antimicrob. Agents Chemother.</i> 1973, 3, 308. Inhibition of mouse skin tumor promotion by tenuazonic acid. Antony M. et al. <i>Cancer Lett.</i> 1991, 61, 21.