Bithionol
PRODUCT DATA SHEET

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Product Name:	Bithionol
Product Number:	B035
CAS Number:	97-18-7
Molecular Formula:	$C_{12}H_6Cl_4O_2S$
Molecular Weight:	356.05
Storage Conditions:	≤30°C
Description:	Bithionol is an anti-parasitic drug and has recently been found to have anti-ovarian cancer properties. In one study, bithionol inhibited all tested ovarian cancer cell lines with IC_{50} values from 19 µM - 60 µM.
Mechanism of Action:	The mechanism of action of bithionol is not completely understood but is thought to inhibit cancer cell growth by reactive oxygen species generation, NF-kB inhibition and autotaxin inhibition.
References:	Ayyagari, Vijayalakshmi N., and Laurent Brard. "Bithionol Inhibits Ovarian Cancer Cell Growth In Vitro - Studies on Mechanism(s) of Action." BMC Cancer 14.1 (2014): 61.