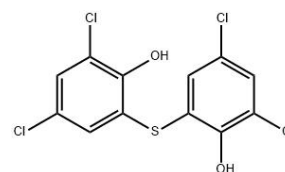


Technical Data Sheet

Bithionol

Compound Information

Product Name:	Bithionol
CAS No.:	97-18-7
Molecular Formula:	C ₁₂ H ₆ Cl ₄ O ₂ S
Molecular Weight:	356.05
Storage:	Store at 2 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Bithionol is a potent inhibitor of soluble adenylyl cyclase(sAC) and has antibacterial and anthelmintic properties along with algacide activity.
Form	powder
Color	white to beige
Melting Point	188°C
Assay by titration	≥ 97%
Purity by GC	≥ 97%
Solubility	71 mg/mL in DMSO
λ _{max}	308 nm
MS	Pass test
¹H NMR	Pass test
¹³C NMR	Pass test
IR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.