Certificate of Analysis

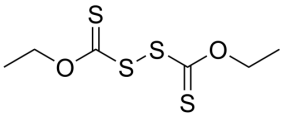
Dixanthogen

Cat. No.:	HY-B1186
CAS No.:	502-55-6
Batch No.:	67432
Chemical Name:	Thioperoxydicarbonic acid ([(HO)C(S)]2S2), OC,OC'-diethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_6H_{10}O_2S_4$		
Molecular Weight:	**242.40**		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥98.0%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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