

Derivatives and analytical artifacts

Derivatives of decomposition products of nerve agents

M	G	ethyl methyl methylphosphonate
M	H G	isopropyl methyl methylphosphonate
MIRHP	G	methyl 1,2,2-trimethylpropyl methylphosphonate
M		cyclohexyl methyl methylphosphonate
M		O-methyl-S-2-diisopropylaminoethyl methylphosphonothioate
M	HP G	trimethyl phosphate
M		ethyl isopropyl methylphosphonate
MIRHP		ethyl 1,2,2-trimethylpropyl methylphosphonate
MIRHPC		isopropyl 1,2,2-trimethylpropyl methylphosphonate
M		bis(t-butyl dimethylsilyl) methylphosphonate
M		ethyl t-butyl dimethylsilyl methylphosphonate
M		isopropyl t-butyl dimethylsilyl methylphosphonate
M		t-butyl dimethylsilyl 1,2,2-trimethylpropyl methylphosphonate
M		cyclohexyl t-butyl dimethylsilyl methylphosphonate
M		tris(t-butyl dimethylsilyl) phosphate
M	HP	S-2-diisopropylaminoethyl t-butyl dimethylsilyl methylphosphonothioate

Derivatives of decomposition products of vesicants

M	G	bis(trimethylsilyl) ether of 2,2'-dihydroxydiethyl sulphide
M	G	bis(trifluoroacetyl) ester of 2,2'-dihydroxydiethyl sulphide
M	G	bis(trimethylsilyl) ether of 2,2'-dihydroxydiethyl sulphoxide
M	G	bis(trifluoroacetyl) ester of 2,2'-dihydroxydiethyl sulphoxide
M		bis(trimethylsilyl) ether of 2,2'-dihydroxydiethyl sulphone
M		bis(trifluoroacetyl) ester of 2,2'-dihydroxydiethyl sulphone
M	G	tris(trimethylsilyl) ether of tris(2-hydroxyethyl) amine
M	G	tris(trifluoroacetyl) ester of tris(2-hydroxyethyl) amine
M	G	bis(trimethylsilyl) ether of methyl bis(2-hydroxyethyl) amine
M	G	bis(trifluoroacetyl) ester of methyl bis(2-hydroxyethyl) amine
M	G	bis(trimethylsilyl) ether of ethyl bis(2-hydroxyethyl) amine
M	G	bis(trifluoroacetyl) ester of ethyl bis(2-hydroxyethyl) amine
M		bis(trimethylsilyl) ether of bis(2-(2-hydroxyethylthio) ethyl) ether
M		bis(trifluoroacetyl) ester of bis(2-(2-hydroxyethylthio) ethyl) ether

Derivatives of decomposition products of CS and BZ

M	RH	methyl ester of 2-chlorobenzoic acid
M		ethyl ester of 2-chlorobenzoic acid
M		methyl ester of 2-hydroxy-2,2-diphenylacetic acid
M		methyl ester of hydroxyacetic acid
M		t-butyl dimethylsilyl ester of 2-hydroxy-2,2-diphenylethanoic acid
M		bis(t-butyl dimethylsilyl) ester of 2-hydroxy-2,2-diphenylethanoic acid

Artifacts of CS and its decomposition products

M		1,1-dicyano-2-(2-chlorophenyl) cyclopropane
M		dimethylacetal of 2-chlorobenzaldehyde
M		diethylacetal of 2-chlorobenzaldehyde
M		2-chloroacetophenone
M		2-chlorophenyl oxirane

Artifacts of vesicants

M		2-hydroxyethyl-2'-methoxyethyl sulphide
M		2-chloroethyl-2'-methoxyethyl sulphide
M	H	2,2'-dimethoxydiethyl sulphide
M		2-chloroethyl-2'-isopropoxyethyl sulphide
M		2,2'-diisopropoxydiethyl sulphide
M		diethoxy-2-chlorovinylarsine