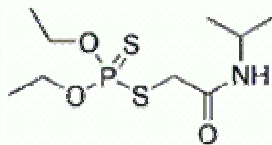


Detail of 2275-18-5

Molecular Structure:



Name: ISOPROPYL DIETHYLDITHIOPHOSPHORYLACETAMIDE

CAS Number: 2275-18-5

Molecular Formula: C₉H₂₀NO₃PS₂

Molecular Weight: 285.39

Density: 1.178g/cm³

Boiling Point: °Cat 760mmHg

Flash Point: °C

Risk Codes: 27/28-52/53 [Details](#)

Hazard Symbols: **Toxic by ingestion and skin absorption, cholinesterase inhibitor.**

Properties: A solid. Mp: 28.5°, bp: 135° @ 0.1 mm. Sltly sol in H₂O.

PROTHOATE Basic information

Product Name:	PROTHOATE
Synonyms:	PROTHOATE ; ac18682 ; acetamide, n-isopropyl-2-mercapto-, s-ester witho, o-diethylphosphorodithioa ; acetamide, n-isopropyl-2-mercapto-, s-ester witho, o-diethylphosphorodithioate ; americancyanamid18,682 ; americancyanamid18682 ; ei18682 ; ent24,652
CAS:	2275-18-5
MF:	C ₉ H ₂₀ NO ₃ PS ₂
MW:	285.36
EINECS:	218-893-2
Product Categories:	
Mol File:	2275-18-5.mol

PROTHOATE Chemical Properties

Safety Information

Hazard Codes	T+
Risk Statements	27/28-52/53
Safety Statements	28-36/37-45-61
RIDADR	2783
HazardClass	6.1(a)
PackingGroup	I

Identifications

- **CAS Number:** 2275-18-5
- **Caswell Number:** 344B
- **Synonyms/Related:**
 - o 2-Diethoxyphosphinothioylthio-N-isopropylacetamide
 - o AC 18682
 - o Acetamide, N-isopropyl-2-mercapto-, S-ester with O,O-diethyl phosphorodithioate
 - o American cyanamid 18682
 - o EI 18682
 - o ENT 24,652
 - o FAC (pesticide)
 - o FAC 20
 - o FAK 40
 - o Fostion
 - o Isopropyl diethyldithiophosphorylacetamide
 - o L 343
 - o N-Monoisopropylamide of O,O-diethyldithiophosphorylacetic acid
 - o O,O-Diethyl phosphorodithioate S-ester with N-2-isopropyl-2-mercaptoacetamide
 - o O,O-Diethyl phosphorodithioate S-ester with N-isopropyl-2-mercaptoacetamide (8CI)
 - o O,O-Diethyl S-(2-((1-methylethyl) amino)-2-oxoethyl) phosphorodithioate (9CI)
 - o O,O-Diethyl S-(N-isopropylcarbamoylmethyl) dithiophosphate
 - o O,O-Diethyl S-(N-isopropylcarbamoylmethyl) phosphorodithioate
 - o O,O-Diethyl S-isopropylcarbamoylmethyl phosphorodithioate
 - o O,O-Diethyldithiophosphorylacetic acid, N-monoisopropylamide
 - o Oleofac
 - o Phosphorodithioic acid, O,O-diethyl ester, S-ester with N-isopropyl-2-mercaptoacetamide
 - o Phosphorodithioic acid, O,O-diethyl S-(2-((1-methylethyl) amino)-2-oxoethyl) ester
 - o Phosphorodithioic acid, O,O-diethyl S-(2-((1-methylethyl) amino)-2-oxoethyl) ester (9CI)
 - o Phosphorodithioic acid, O,O-diethyl S-[2-[(1-methylethyl) amino]-2-oxoethyl] ester
 - o Prothoat
 - o Prothoate
 - o Prothoate [BSI:ISO]
 - o Protoat (Hungarian)
 - o Telefos

