2,2,6,6-Tetramethylpiperidine-1-oxyl, free radical, 98+%, stabilized with water, 1g, Alfa Aesar™

Product Number	33557
Synonyms	2,2,6,6-Tetramethylpiperidinyloxyl, free radical, stabilized with water, 98+%
CAS Number	2564-83-2
Molecular Formula	C9H18NO
Molecular Weight	156.25
Melting Point	36 °C (96.8 °F)
Boiling Point	60 °C (140 °F) @ 0.1 mm Hg
Flash Point	110 °C (230 °F)
Appearance	Orange-red solid
Purity	98+%
Stabilized	Stabilized with water
Storage Temperature	2-8 °C
Storage Conditions	Keep refrigerated
Sensitivity	Hygroscopic
Solubility	Insoluble in water
Solubility	Soluble in methanol, ethanol, acetone, benzene, chloroform, ether, petroleum ether
Solubility	Soluble in 1 M HCl
Solubility	Soluble in 1 M NaOH
Solubility	Soluble in 1 M NaCl
Solubility	Soluble in 1 M KCl
Solubility	Soluble in 1 M NaNO3
Solubility	Soluble in 1 M Na2SO4
Solubility	Soluble in 1 M K2SO4
Solubility	Soluble in 1 M (NH4)2SO4
Solubility	Soluble in 1 M NaHCO3
Solubility	Soluble in 1 M Na2CO3
Solubility	Soluble in 1 M K2CO3
Solubility	Soluble in 1 M (NH4)2CO3
Solubility	Soluble in 1 M NaHSO4
Solubility	Soluble in 1 M KHSO4
Solubility	Soluble in 1 M (NH4)HSO4
Solubility	Soluble in 1 M NaH2PO4
Solubility	Soluble in 1 M KH2PO4
Solubility	Soluble in 1 M (NH4)H2PO4
Solubility	Soluble in 1 M Na2HPO4
Solubility	Soluble in 1 M K2HPO4
Solubility	Soluble in 1 M (NH4)2HPO4
Solubility	Soluble in 1 M Na3PO4
Solubility	Soluble in 1 M K3PO4
Solubility	Soluble in 1 M (NH4)3PO4
Solubility	Soluble in 1 M NaNO2
Solubility	Soluble in 1 M KNO2
Solubility	Soluble in 1 M (NH4)NO2
Solubility	Soluble in 1 M NaNO3
Solubility	Soluble in 1 M KNO3
Solubility	Soluble in 1 M (NH4)NO3
Solubility	Soluble in 1 M NaCl
Solubility	Soluble in 1 M KCl
Solubility	Soluble in 1 M (NH4)Cl
Solubility	Soluble in 1 M NaBr
Solubility	Soluble in 1 M KBr
Solubility	Soluble in 1 M (NH4)Br
Solubility	Soluble in 1 M NaI
Solubility	Soluble in 1 M KI
Solubility	Soluble in 1 M (NH4)I
Solubility	Soluble in 1 M NaF
Solubility	Soluble in 1 M KF
Solubility	Soluble in 1 M (NH4)F
Solubility	Soluble in 1 M NaClO4
Solubility	Soluble in 1 M KClO4
Solubility	Soluble in 1 M (NH4)ClO4
Solubility	Soluble in 1 M NaClO3
Solubility	Soluble in 1 M KClO3
Solubility	Soluble in 1 M (NH4)ClO3
Solubility	Soluble in 1 M NaClO2
Solubility	Soluble in 1 M KClO2
Solubility	Soluble in 1 M (NH4)ClO2
Solubility	Soluble in 1 M NaClO
Solubility	Soluble in 1 M KClO
Solubility	Soluble in 1 M (NH4)ClO
Solubility	Soluble in 1 M NaBrO4
Solubility	Soluble in 1 M KBrO4
Solubility	Soluble in 1 M (NH4)BrO4
Solubility	Soluble in 1 M NaBrO3
Solubility	Soluble in 1 M KBrO3
Solubility	Soluble in 1 M (NH4)BrO3
Solubility	Soluble in 1 M NaBrO2
Solubility	Soluble in 1 M KBrO2
Solubility	Soluble in 1 M (NH4)BrO2
Solubility	Soluble in 1 M NaBrO
Solubility	Soluble in 1 M KBrO
Solubility	Soluble in 1 M (NH4)BrO
Solubility	Soluble in 1 M NaIO4
Solubility	Soluble in 1 M KIO4
Solubility	Soluble in 1 M (NH4)IO4
Solubility	Soluble in 1 M NaIO3
Solubility	Soluble in 1 M KIO3
Solubility	Soluble in 1 M (NH4)IO3
Solubility	Soluble in 1 M NaIO2
Solubility	Soluble in 1 M KIO2
Solubility	Soluble in 1 M (NH4)IO2
Solubility	Soluble in 1 M NaIO
Solubility	Soluble in 1 M KIO
Solubility	Soluble in 1 M (NH4)IO
Solubility	Soluble in 1 M NaCN
Solubility	Soluble in 1 M KCN
Solubility	Soluble in 1 M (NH4)CN
Solubility	Soluble in 1 M NaSCN
Solubility	Soluble in 1 M KSCN
Solubility	Soluble in 1 M (NH4)SCN
Solubility	Soluble in 1 M NaOCN
Solubility	Soluble in 1 M KOCN
Solubility	Soluble in 1 M (NH4)OCN
Solubility	Soluble in 1 M NaN3
Solubility	Soluble in 1 M KN3
Solubility	Soluble in 1 M (NH4)N3
Solubility	Soluble in 1 M NaNH2
Solubility	Soluble in 1 M KNH2
Solubility	Soluble in 1 M (NH4)NH2
Solubility	Soluble in 1 M NaOH
Solubility	Soluble in 1 M KOH
Solubility	Soluble in 1 M (NH4)OH
Solubility	Soluble in 1 M NaH
Solubility	Soluble in 1 M KH
Solubility	Soluble in 1 M (NH4)H
Solubility	Soluble in 1 M NaO
Solubility	Soluble in 1 M KO
Solubility	Soluble in 1 M (NH4)O
Solubility	Soluble in 1 M NaS
Solubility	Soluble in 1 M KS
Solubility	Soluble in 1 M (NH4)S
Solubility	Soluble in 1 M NaSH
Solubility	Soluble in 1 M KSH
Solubility	Soluble in 1 M (NH4)SH
Solubility	Soluble in 1 M Na2S
Solubility	Soluble in 1 M K2S
Solubility	Soluble in 1 M (NH4)2S
Solubility	Soluble in 1 M Na2SH
Solubility	Soluble in 1 M K2SH
Solubility	Soluble in 1 M (NH4)2SH
Solubility	Soluble in 1 M Na2SO3
Solubility	Soluble in 1 M K2SO3
Solubility	Soluble in 1 M (NH4)2SO3
Solubility	Soluble in 1 M NaHSO3
Solubility	Soluble in 1 M KHSO3
Solubility	Soluble in 1 M (NH4)HSO3
Solubility	Soluble in 1 M Na2S2O3
Solubility	Soluble in 1 M K2S2O3
Solubility	Soluble in 1 M (NH4)2S2O3
Solubility	Soluble in 1 M NaHS2O3
Solubility	Soluble in 1 M KHS2O3
Solubility	Soluble in 1 M (NH4)HS2O3
Solubility	Soluble in 1 M Na2S2O4
Solubility	Soluble in 1 M K2S2O4
Solubility	Soluble in 1 M (NH4)2S2O4
Solubility	Soluble in 1 M NaHS2O4
Solubility	Soluble in 1 M KHS2O4
Solubility	Soluble in 1 M (NH4)HS2O4
Solubility	Soluble in 1 M Na2S2O5
Solubility	Soluble in 1 M K2S2O5
Solubility	Soluble in 1 M (NH4)2S2O5
Solubility	Soluble in 1 M NaHS2O5
Solubility	Soluble in 1 M KHS2O5
Solubility	Soluble in 1 M (NH4)HS2O5
Solubility	Soluble in 1 M Na2S2O6
Solubility	Soluble in 1 M K2S2O6
Solubility	Soluble in 1 M (NH4)2S2O6
Solubility	Soluble in 1 M NaHS2O6
Solubility	Soluble in 1 M KHS2O6
Solubility	Soluble in 1 M (NH4)HS2O6
Solubility	Soluble in 1 M Na2S2O7
Solubility	Soluble in 1 M K2S2O7
Solubility	Soluble in 1 M (NH4)2S2O7
Solubility	Soluble in 1 M NaHS2O7
Solubility	Soluble in 1 M KHS2O7
Solubility	Soluble in 1 M (NH4)HS2O7
Solubility	Soluble in 1 M Na2S2O8
Solubility	Soluble in 1 M K2S2O8
Solubility	Soluble in 1 M (NH4)2S2O8
Solubility	Soluble in 1 M NaHS2O8
Solubility	Soluble in 1 M KHS2O8
Solubility	Soluble in 1 M (NH4)HS2O8
Solubility	Soluble in 1 M Na2S2O9
Solubility	Soluble in 1 M K2S2O9
Solubility	Soluble in 1 M (NH4)2S2O9
Solubility	Soluble in 1 M NaHS2O9
Solubility	Soluble in 1 M KHS2O9
Solubility	Soluble in 1 M (NH4)HS2O9
Solubility	Soluble in 1 M Na2S2O10
Solubility	Soluble in 1 M K2S2O10
Solubility	Soluble in 1 M (NH4)2S2O10
Solubility	Soluble in 1 M NaHS2O10
Solubility	Soluble in 1 M KHS2O10
Solubility	Soluble in 1 M (NH4)HS2O10
Solubility	Soluble in 1 M Na2S2O11
Solubility	Soluble in 1 M K2S2O11
Solubility	Soluble in 1 M (NH4)2S2O11
Solubility	Soluble in 1 M NaHS2O11
Solubility	Soluble in 1 M KHS2O11
Solubility	Soluble in 1 M (NH4)HS2O11
Solubility	Soluble in 1 M Na2S2O12
Solubility	Soluble in 1 M K2S2O12
Solubility	Soluble in 1 M (NH4)2S2O12
Solubility	Soluble in 1 M NaHS2O12
Solubility	Soluble in 1 M KHS2O12
Solubility	Soluble in 1 M (NH4)HS2O12
Solubility	Soluble in 1 M Na2S2O13
Solubility	Soluble in 1 M K2S2O13
Solubility	Soluble in 1 M (NH4)2S2O13
Solubility	Soluble in 1 M NaHS2O13
Solubility	Soluble in 1 M KHS2O13
Solubility	Soluble in 1 M (NH4)HS2O13
Solubility	Soluble in 1 M Na2S2O14
Solubility	Soluble in 1 M K2S2O14
Solubility	Soluble in 1 M (NH4)2S2O14
Solubility	Soluble in 1 M NaHS2O14
Solubility	Soluble in 1 M KHS2O14
Solubility	Soluble in 1 M (NH4)HS2O14
Solubility	Soluble in 1 M Na2S2O15
Solubility	Soluble in 1 M K2S2O15
Solubility	Soluble in 1 M (NH4)2S2O15
Solubility	Soluble in 1 M NaHS2O15
Solubility	Soluble in 1 M KHS2O15
Solubility	Soluble in 1 M (NH4)HS2O15
Solubility	Soluble in 1 M Na2S2O16
Solubility	Soluble in 1 M K2S2O16
Solubility	Soluble in 1 M (NH4)2S2O16
Solubility	Soluble in 1 M NaHS2O16
Solubility	Soluble in 1 M KHS2O16
Solubility	Soluble in 1 M (NH4)HS2O16
Solubility	Soluble in 1 M Na2S2O17
Solubility	Soluble in 1 M K2S2O17
Solubility	Soluble in 1 M (NH4)2S2O17
Solubility	Soluble in 1 M NaHS2O17
Solubility	Soluble in 1 M KHS2O17
Solubility	Soluble in 1 M (NH4)HS2O17
Solubility	Soluble in 1 M Na2S2O18
Solubility	Soluble in 1 M K2S2O18
Solubility	Soluble in 1 M (NH4)2S2O18
Solubility	Soluble in 1 M NaHS2O18
Solubility	Soluble in 1 M KHS2O18
Solubility	Soluble in 1 M (NH4)HS2O18
Solubility	Soluble in 1 M Na2S2O19
Solubility	Soluble in 1 M K2S2O19
Solubility	Soluble in 1 M (NH4)2S2O19
Solubility	Soluble in 1 M NaHS2O19
Solubility	Soluble in 1 M KHS2O19
Solubility	Soluble in 1 M (NH4)HS2O19
Solubility	Soluble in 1 M Na2S2O20
Solubility	Soluble in 1 M K2S2O20
Solubility	Soluble in 1 M (NH4)2S2O20
Solubility	Soluble in 1 M NaHS2O20
Solubility	Soluble in 1 M KHS2O20
Solubility	Soluble in 1 M (NH4)HS2O20
Solubility	Soluble in 1 M Na2S2O21
Solubility	Soluble in 1 M K2S2O21
Solubility	Soluble in 1 M (NH4)2S2O21
Solubility	Soluble in 1 M NaHS2O21
Solubility	Soluble in 1 M KHS2O21
Solubility	Soluble in 1 M (NH4)HS2O21
Solubility	Soluble in 1 M Na2S2O22
Solubility	Soluble in 1 M K2S2O22
Solubility	Soluble in 1 M (NH4)2S2O22
Solubility	Soluble in 1 M NaHS2O22
Solubility	Soluble in 1 M KHS2O22
Solubility	Soluble in 1 M (NH4)HS2O22
Solubility	Soluble in 1 M Na2S2O23
Solubility	Soluble in 1 M K2S2O23
Solubility	Soluble in 1 M (NH4)2S2O23
Solubility	Soluble in 1 M NaHS2O23
Solubility	Soluble in 1 M KHS2O23
Solubility	Soluble in 1 M (NH4)HS2O23
Solubility	Soluble in 1 M Na2S2O24
Solubility	Soluble in 1 M K2S2O24
Solubility	Soluble in 1 M (NH4)2S2O24
Solubility	Soluble in 1 M NaHS2O24
Solubility	Soluble in 1 M KHS2O24
Solubility	Soluble in 1 M (NH4)HS2O24
Solubility	Soluble in 1 M Na2S2O25
Solubility	Soluble in 1 M K2S2O25
Solubility	Soluble in 1 M (NH4)2S2O25
Solubility	Soluble in 1 M NaHS2O25
Solubility	Soluble in 1 M KHS2O25
Solubility	Soluble in 1 M (NH4)HS2O25
Solubility	Soluble in 1 M Na2S2O26
Solubility	Soluble in 1 M K2S2O26
Solubility	Soluble in 1 M (NH4)2S2O26
Solubility	Soluble in 1 M NaHS2O26
Solubility	Soluble in 1 M KHS2O26
Solubility	Soluble in 1 M (NH4)HS2O26
Solubility	Soluble in 1 M Na2S2O27
Solubility	Soluble in 1 M K2S2O27
Solubility	Soluble in 1 M (NH4)2S2O27
Solubility	Soluble in 1 M NaHS2O27
Solubility	Soluble in 1 M KHS2O27
Solubility	Soluble in 1 M (NH4)HS2O27
Solubility	Soluble in 1 M Na2S2O28
Solubility	Soluble in 1 M K2S2O28
Solubility	Soluble in 1 M (NH4)2S2O28
Solubility	Soluble in 1 M NaHS2O28
Solubility	Soluble in 1 M KHS2O28
Solubility	Soluble in 1 M (NH4)HS2O28
Solubility	Soluble in 1 M Na2S2O29
Solubility	Soluble in 1 M K2S2O29
Solubility	Soluble in 1 M (NH4)2S2O29
Solubility	Soluble in 1 M NaHS2O29
Solubility	Soluble in 1 M KHS2O29
Solubility	Soluble in 1 M (NH4)HS2O29
Solubility	Soluble in 1 M Na2S2O30
Solubility	Soluble in 1 M K2S2O30
Solubility	Soluble in 1 M (NH4)2S2O30
Solubility	Soluble in 1 M NaHS2O30
Solubility	Soluble in 1 M KHS2O30
Solubility	Soluble in 1 M (NH4)HS2O30
Solubility	Soluble in 1 M Na2S2O31
Solubility	Soluble in 1 M K2S2O31
Solubility	Soluble in 1 M (NH4)2S2O31
Solubility	Soluble in 1 M NaHS2O31
Solubility	Soluble in 1 M KHS2O31
Solubility	Soluble in 1 M (NH4)HS2O31
Solubility	Soluble in 1 M Na2S2O32
Solubility	Soluble in 1 M K2S2O32
Solubility	Soluble in 1 M (NH4)2S2O32
Solubility	Soluble in 1 M NaHS2O32
Solubility	Soluble in 1 M KHS2O32
Solubility	Soluble in 1 M (NH4)HS2O32
Solubility	Soluble in 1 M Na2S2O33
Solubility	Soluble in 1 M K2S2O33
Solubility	Soluble in 1 M (NH4)2S2O33
Solubility	Soluble in 1 M NaHS2O33
Solubility	Soluble in 1 M KHS2O33
Solubility	Soluble in 1 M (NH4)HS2O33
Solubility	Soluble in 1 M Na2S2O34
Solubility	Soluble in 1 M K2S2O34
Solubility	Soluble in 1 M (NH4)2S2O34
Solubility	Soluble in 1 M NaHS2O34
Solubility	Soluble in 1 M KHS2O34
Solubility	Soluble in 1 M (NH4)HS2O34
Solubility	Soluble in 1 M Na2S2O35
Solubility	Soluble in 1 M K2S2O35
Solubility	Soluble in 1 M (NH4)2S2O35
Solubility	Soluble in 1 M NaHS2O35
Solubility	Soluble in 1 M KHS2O35
Solubility	Soluble in 1 M (NH4)HS2O35
Solubility	Soluble in 1 M Na2S2O36
Solubility	Soluble in 1 M K2S2O36
Solubility	Soluble in 1 M (NH4)2S2O36
Solubility	Soluble in 1 M NaHS2O36
Solubility	Soluble in 1 M KHS2O36
Solubility	Soluble in 1 M (NH4)HS2O36
Solubility	Soluble in 1 M Na2S2O37
Solubility	Soluble in 1 M K2S2O37
Solubility	Soluble in 1 M (NH4)2S2O37
Solubility	Soluble in 1 M NaHS2O37
Solubility	Soluble in 1 M KHS2O37
Solubility	Soluble in 1 M (NH4)HS2O37
Solubility	Soluble in 1 M Na2S2O38
Solubility	Soluble in 1 M K2S2O38
Solubility	Soluble in 1 M (NH4)2S2O38
Solubility	Soluble in 1 M NaHS2O38
Solubility	Soluble in 1 M KHS2O38
Solubility	Soluble in 1 M (NH4)HS2O38
Solubility	Soluble in 1 M Na2S2O39
Solubility	Soluble in 1 M K2S2O39
Solubility	Soluble in 1 M (NH4)2S2O39
Solubility	Soluble in 1 M NaHS2O39
Solubility	Soluble in 1 M KHS2O39
Solubility	Soluble in 1 M (NH4)HS2O39
Solubility	Soluble in 1 M Na2S2O40
Solubility	Soluble in 1 M K2S2O40
Solubility	Soluble in 1 M (NH4)2S2O40
Solubility	Soluble in 1 M NaHS2O40
Solubility	Soluble in 1 M KHS2O40
Solubility	Soluble in 1 M (NH4)HS2O40