>>**Entry Name: Bis[*O,O*-bis(2-ethylhexyl) phosphorodithioato-*S,S*']zinc,** 9CI
Synonym(s): 2-Ethylhexyl zinc phosphorodithioate

CAS Registry Number: 4259-15-8
Extra CAS Registry Numbers(s): 3936-35-4
$Zn[S_2P[OCH_2CH(CH_2CH_3)CH_2CH_2CH_2CH_3]_2]_2$

Molecular Formula: $C_{32}H_{68}O_4P_2S_4Zn$
Molecular Weight: 772.488
Accurate Mass: 770.276709
Percentage Composition: C 49.76%; H 8.87%; O 8.28%; P 8.02%; S 16.60%; Zn 8.46%
Use/Importance: Antioxidant for lubricating oils

References:

Zimmerman, V. *et al.*, *Chem. Tech. (Leipzig)*, 1986, **38**, 169-172, *(synth)*