



>>Entry Name: Pentaerythritol tetrakis(3-mercaptopropanoate)

Synonym(s): 2,2-Bis[(3-mercapto-1-oxopropoxy)methyl]-1,3-propanediyl 3-mercaptopropanoate, 9CI. Neopentanetetrayl tetrakis(3-mercaptopropionate)

CAS Registry Number: 7575-23-7

(HSCH₂CH₂COOCH₂)₄C

Molecular Formula: C₁₇H₂₈O₈S₄

Molecular Weight: 488.667

Accurate Mass: 488.0667

Percentage Composition: C 41.78%; H 5.78%; O 26.19%; S 26.25%

Use/Importance: Chain-transfer agent in polym. of unsatd. compds.; curing agent for polyurethanes and epoxy resins

References:

Japan. Pat., 1984, 59 172 459; *CA*, **102**, 112893z, (*synth*)