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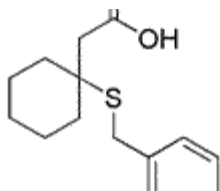
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 09961

Product β -(4-Methylbenzyl)mercapto- β,β -cyclopentamethylene-propionic acid

S-4-Methylbenzyl-pmp

CAS Number 87242-91-9

Molecular Formula C₁₆H₂₂O₂S

Molecular Weight 278.41

Appearance White powder

Solubility Clear, colorless solution (50mg/ml in ethylacetate)

Melting Point 115 - 119 °C

Elemental Analysis (Theory) C=69%; H=8%

TLC System Chloroform/methanol/acetic acid 90/8/2
Benzene/dioxane/acetic acid 95/25/4
Chloroform/ethylacetate/ acetic acid 50/50/2
plate: silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, ammoniummolybdate N,N,N,N-Tetramethyl-4, 4'-diamino-diphenyl-methane

Analysis by Mass Spectra [M+H]⁺ = 278.41 ± 1 u

Purity by TLC ≥ 99%

Storage Store at 0-8°C

For Laboratory Use Only