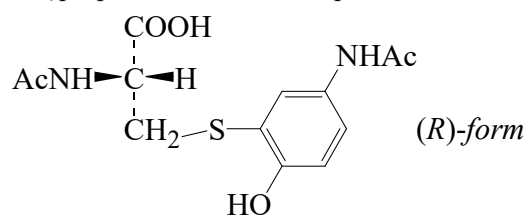




>>Entry Name: *N*-Acetyl-*S*-[5-(acetamino)-2-hydroxyphenyl]cysteine, 9Cl

Synonym(s): 2-Acetamido-3-(5-acetamido-2-hydroxyphenylthio)propanoic acid. 3-Mercap-APAP



Molecular Formula: C₁₃H₁₆N₂O₅S

Molecular Weight: 312.346

Accurate Mass: 312.077993

Percentage Composition: C 49.99%; H 5.16%; N 8.97%; O 25.61%; S 10.27%

>>Variant: (*R*)-form

Synonym(s): L-form

CAS Registry Number: 52372-86-8

Molecular Formula: C₁₃H₁₆N₂O₅S

Molecular Weight: 312.346

Accurate Mass: 312.077993

Percentage Composition: C 49.99%; H 5.16%; N 8.97%; O 25.61%; S 10.27%

Metabolism: Urinary metabolite of [FFL96-T](#) in man

Melting Point: Mp 125°

Optical Rotation: $[\alpha]_{\text{D}}^{21} -14$ (c, 1 in H₂O)

>>Derivative: K salt (1:1)

CAS Registry Number: 79032-40-9

Melting Point: Mp 154-162°

References:

Mitchell, J.R. *et al.*, *Clin. Pharmacol. Ther. (St. Louis)*, 1974, **16**, 676-684, (*metab, detn*)

Healey, K. *et al.*, *Aust. J. Chem.*, 1979, **32**, 1307-1316, (*synth, uv, pmr*)

Nelson, S.D. *et al.*, *Biomed. Mass Spectrom.*, 1981, **8**, 244-251, (*ms*)

Gemborys, M.W. *et al.*, *Drug Metab. Dispos.*, 1981, **9**, 340-351, (*synth, metab, detn, hplc*)

Burton, K.I. *et al.*, *J. Pharm. Biomed. Anal.*, 1997, **15**, 1903-1912, (*metab, hplc*)