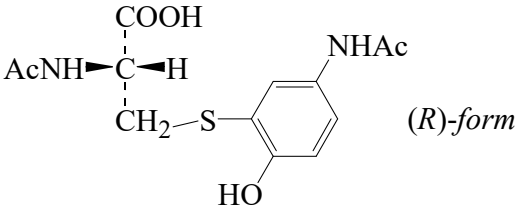
>>**Entry Name: *N*-Acetyl-*S*-[5-(acetylamino)-2-hydroxyphenyl]cysteine,** 9CI
Synonym(s): 2-Acetamido-3-(5-acetamido-2-hydroxyphenylthio)propanoic acid. 3-Mercap-APAP



(*R*)-*form*

Molecular Formula: $C_{13}H_{16}N_2O_5S$
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: $C_{13}H_{16}N_2O_5S$
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: $[\alpha]_D^{21}$ –14 (c, 1 in H_2O)

>>**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)*