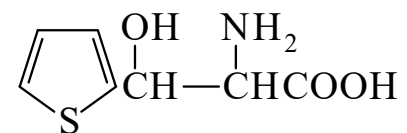




>>Entry Name: 2-Amino-3-hydroxy-3-(2-thiophenyl)propanoic acid

Synonym(s): α -Amino- β -hydroxy-2-thiophenepropanoic acid, 9Cl. β -2-(Thienyl)serine. 2-Thiopheneserine



CAS Registry Number: 32595-59-8

Related CAS Registry Numbers(s): 612-06-6 84096-18-4 141554-69-0 141554-70-3

Molecular Formula: $C_7H_9NO_3S$

Molecular Weight: 187.219

Accurate Mass: 187.030314

Percentage Composition: C 44.91%; H 4.85%; N 7.48%; O 25.64%; S 17.13%

General Statement: Synth. as the hydrate. Stereoisomers described in lit. but no phys. props. given

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 194-195 dec. $^{\circ}$

Sigma: T5000

Other: PB T10050

References:

Dullaghan, M.E. *et al.*, *J.A.C.S.*, 1951, **73**, 5455, (*synth*)

Yamada, T. *et al.*, *J. Chromatogr.*, 1990, **515**, 475, (*resoln*)