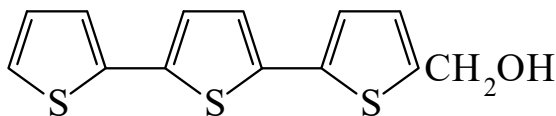




>>Entry Name: 2,2':5',2''-Terthiophene-5-methanol, 9CI

Synonym(s): 5-Hydroxymethyl-2,2':5,2''-terthiophene.  $\alpha$ -Terthienylmethanol



CAS Registry Number: 13059-93-3

Related CAS Registry Numbers(s): 26905-77-1

Molecular Formula:  $C_{13}H_{10}OS_3$

Molecular Weight: 278.419

Accurate Mass: 277.989375

Percentage Composition: C 56.08%; H 3.62%; O 5.75%; S 34.55%

Biological Source: Isol. from *Eclipta alba*, *Eclipta erecta* and *Eclipta prostrata*

Physical Description: Lemon-yellow platelets ( $C_6H_6$ )

Melting Point: Mp 150-151°

>>Derivative: Ac

CAS Registry Number: 26905-77-1

Molecular Formula:  $C_{15}H_{12}O_2S_3$

Molecular Weight: 320.457

Accurate Mass: 319.99994

Percentage Composition: C 56.22%; H 3.77%; O 9.99%; S 30.02%

Biological Source: Isol. from *Eclipta* spp

Physical Description: Yellow cryst.

Melting Point: Mp 114-115°

>>Derivative: 2-Methylpropanoyl

CAS Registry Number: 26905-75-9

Molecular Formula:  $C_{17}H_{16}O_2S_3$

Molecular Weight: 348.51

Accurate Mass: 348.03124

Percentage Composition: C 58.59%; H 4.63%; O 9.18%; S 27.60%

Biological Source: Isol. from *Eclipta* spp.

Physical Description: Yellowish cryst.

Melting Point: Mp 61-62°

>>Derivative: Angeloyl

CAS Registry Number: 27123-32-6

Molecular Formula:  $C_{18}H_{16}O_2S_3$

Molecular Weight: 360.521

Accurate Mass: 360.03124

Percentage Composition: C 59.97%; H 4.47%; O 8.88%; S 26.68%

Biological Source: Isol. from *Eclipta* spp.

Physical Description: Yellow needles ( $Et_2O$ /petrol)

Melting Point: Mp 83-84°

>>Derivative: Tigloyl

CAS Registry Number: 26901-19-9

Molecular Formula:  $C_{18}H_{16}O_2S_3$

Molecular Weight: 360.521

Accurate Mass: 360.03124

Percentage Composition: C 59.97%; H 4.47%; O 8.88%; S 26.68%

Biological Source: Isol. from *Eclipta* spp.

Physical Description: Cryst.

Melting Point: Mp 61-62°