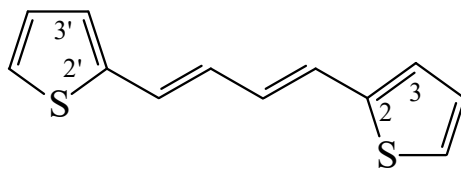




>>Entry Name: 1,4-Di(2-thienyl)butadiene

Synonym(s): 2,2'-(1,3-Butadiene-1,4-diyl)bisthiophene, 9CI. 2,2'-(1,3-Butadienyldiene)dithiophene, 8CI



(*E,E*)-form

CAS Registry Number: 23354-93-0

Molecular Formula: C<sub>12</sub>H<sub>10</sub>S<sub>2</sub>

Molecular Weight: 218.343

Accurate Mass: 218.02239

Percentage Composition: C 66.01%; H 4.62%; S 29.37%

>>Variant: (*E,E*)-form

CAS Registry Number: 24658-68-2

Molecular Formula: C<sub>12</sub>H<sub>10</sub>S<sub>2</sub>

Molecular Weight: 218.343

Accurate Mass: 218.02239

Percentage Composition: C 66.01%; H 4.62%; S 29.37%

Physical Description: Yellow cryst.

Melting Point: Mp 173°

#### References:

Barnes, A.C. *et al.*, *Chem. Ind. (London)*, 1969, 1344

Ribereau, P. *et al.*, *Bull. Soc. Chim. Fr.*, 1969, 2076

Koszmehl, G. *et al.*, *Angew. Chem.*, 1973, **85**, 230

Buschmann, J.F. *et al.*, *Acta Cryst. B*, 1978, **34**, 230, (*cryst struct*)