>>**Entry Name: Dipropyl disulfide,** 9CI
ENTRY UNDER REVIEW
Synonym(s): Propyl disulfide, 8CI. FEMA 3228

CAS Registry Number: 629-19-6
Type of Compound Code(s): WI8000 WI3700 WI1600 WE3000 WA4700 VA7400
$H_3CCH_2CH_2$-S-S-$CH_2CH_2CH_3$

Molecular Formula: $C_6H_{14}S_2$
Molecular Weight: 150.309
Accurate Mass: 150.05369
Percentage Composition: C 47.95%; H 9.39%; S 42.67%
Biological Source: Constit. of garlic, onion and other *allium* spp. flavours. Also present in raw cabbage, roast beef and roasted peanuts. Flavouring agent
Use/Importance: Flavouring agent
Physical Description: Liq.
Boiling Point: Bp_{754} 194°. Bp_{60} 105-107°
Density: d_4^{20} 0.96

Aldrich: 14922-5
Fluka: 43550
Rare Chemicals Library: S43453-1

>>**Derivative:** *S*-Oxide
Synonym(s): S-Propyl 1-propanesulfinothioate, 9CI

CAS Registry Number: 1948-52-3
Type of Compound Code(s): VA7400
Molecular Formula: $C_6H_{14}OS_2$
Molecular Weight: 166.308
Accurate Mass: 166.048605
Percentage Composition: C 43.33%; H 8.48%; O 9.62%; S 38.56%
Biological Source: Constit. of *Allium cepa*, *Allium sativa* and other *Allium* spp.
Physical Description: Liq.
UV: [neutral] λ_{max} 240 () (no solvent reported)

References:

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