



>>Entry Name: **1,8-Octanedithiol**, 9CI

Synonym(s): 1,8-Dimercaptooctane

CAS Registry Number: 1191-62-4

HSCH₂(CH₂)₆CH₂SH

Molecular Formula: C₈H₁₈S₂

Molecular Weight: 178.362

Accurate Mass: 178.08499

Percentage Composition: C 53.87%; H 10.17%; S 35.96%

Use/Importance: Flavouring material (roasted meat and poultry)

Melting Point: Mp 0.9°

Boiling Point: Bp 269.3°

Refractive Index: n_D²⁰ 1.5050

Aldrich: O-360-5

Rare Chemicals Library: S45594-6

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 421A, (nmr)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 343B

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 153F, (ir)

Hall, W.P. *et al.*, *J.A.C.S.*, 1943, **65**, 1466