

Search Overview

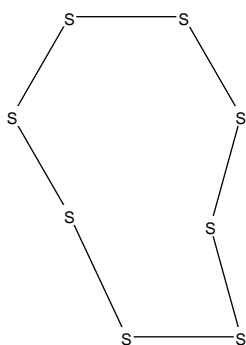
Search: search3
Date/Time done: Thu Nov 06 13:18:07 2008
Database(s): CSD version 5.29 (November 2007)
CSD version 5.29 updates (Jan 2008)
CSD version 5.29 updates (Aug 2008)
Restriction Info: No refcode restrictions applied
Filters: None
Percentage Completed: 100%
Number of Hits: 41

Single query used. Search found structures that:

match

Query 2

Query 2

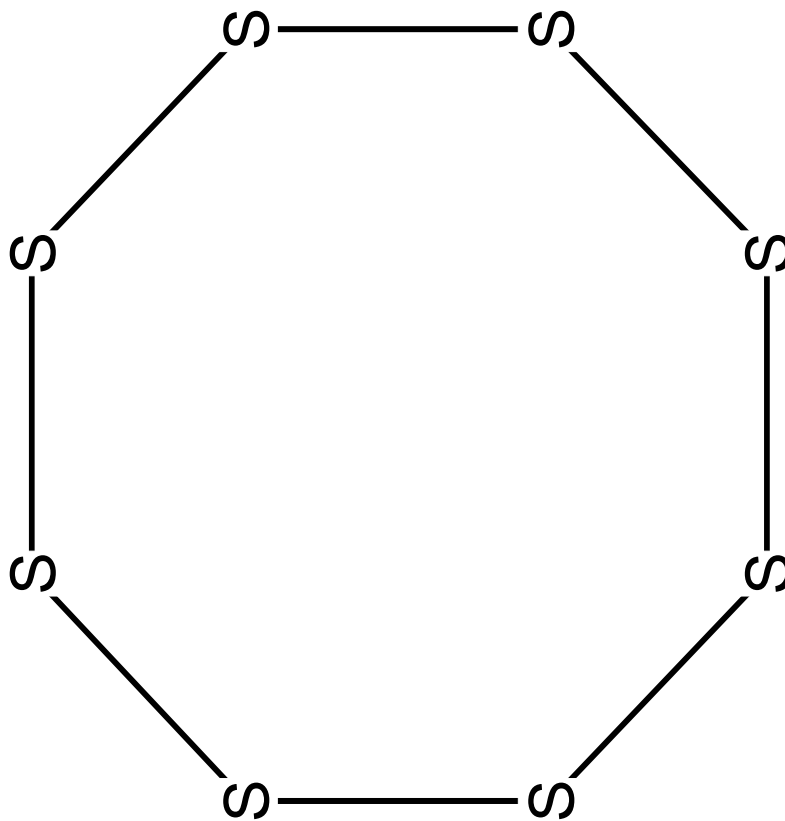


FURHUV

Reference: S.J.Rettig, J.Trotter (1987)
Acta Crystallogr., Sect. C: Cryst. Struct. Commun., **43**, 2260

Formula: S₈
Compound Name: cyclo(Octa-sulfur)
Synonym: α-Sulfur

Space Group: Fddd
Space Group No.: 70
R-Factor (%): 1.90
Cell: **a** 10.465(0) **b** 12.866(0) **c** 24.486(0)
(Å, °) **α** 90.00 **β** 90.00 **γ** 90.00
Temperature(K): 295 **Density(g/cm³):** 2.067

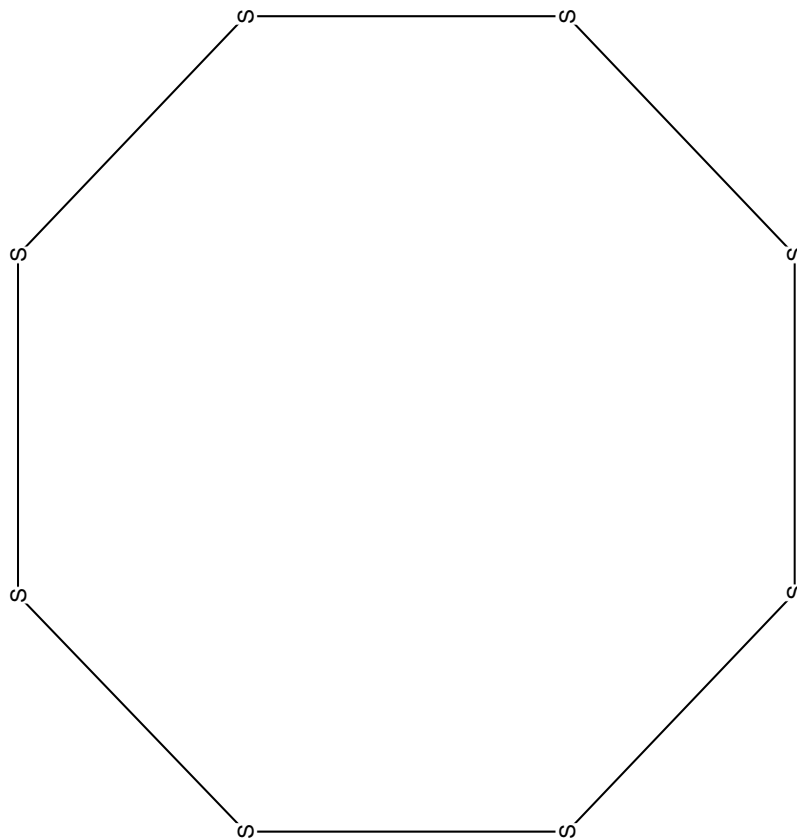


FURHUV01

Reference: A.C.Gallacher, A.A.Pinkerton (1993)
Acta Crystallogr., Sect. C: Cryst. Struct. Commun., **49**, 125

Formula: S₈
Compound Name: Cyclo(octa-sulfur)
Synonym: gamma Sulfur

Space Group: P2/c
Space Group No.: 13
R-Factor (%): 3.60
Cell: **a** 8.455(3) **b** 13.052(2) **c** 9.267(3)
(Å, °) **α** 90.00 **β** 124.89(3) **γ** 90.00
Temperature(K): 295 **Density(g/cm³):** 2.031



FURHUV02

Reference: M.Bolte (2005) *Private Communication*,

Formula: S₈

Compound Name: Cyclooctasulfur

Space Group: P2₁/n Cell: a 8.189(1) b 13.124(2) c 8.411(1)
Space Group No.: 13 α 90.00 β 112.92(1) γ 90.00

R-Factor (%): 2.26 Temperature(K): 173 Density(g/cm³): 2.046

