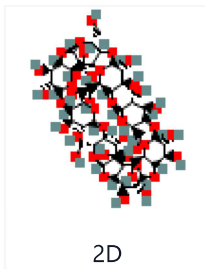


COMPOUND SUMMARY

gamma-Cyclodextrin

PubChem CID 5287407**Structure****Chemical Safety**

Irritant

[Laboratory Chemical Safety Summary \(LCSS\) Datasheet](#)**Molecular Formula** $C_{48}H_{80}O_{40}$ **Synonyms**
gamma-Cyclodextrin
17465-86-0
Cyclooctaamylose
gamma cyclodextrin
Cyclomaltooctaose[View More...](#)**Molecular Weight** 1297.1 g/mol*Computed by PubChem 2.2 (PubChem release 2021.10.14)***Dates**

Create: 2005-11-29 Modify: 2024-05-24

DescriptionGamma-cyclodextrin is a cycloamylose composed of eight alpha-(1->4) linked **D-glucopyranose** units.

[▶ ChEBI](#)

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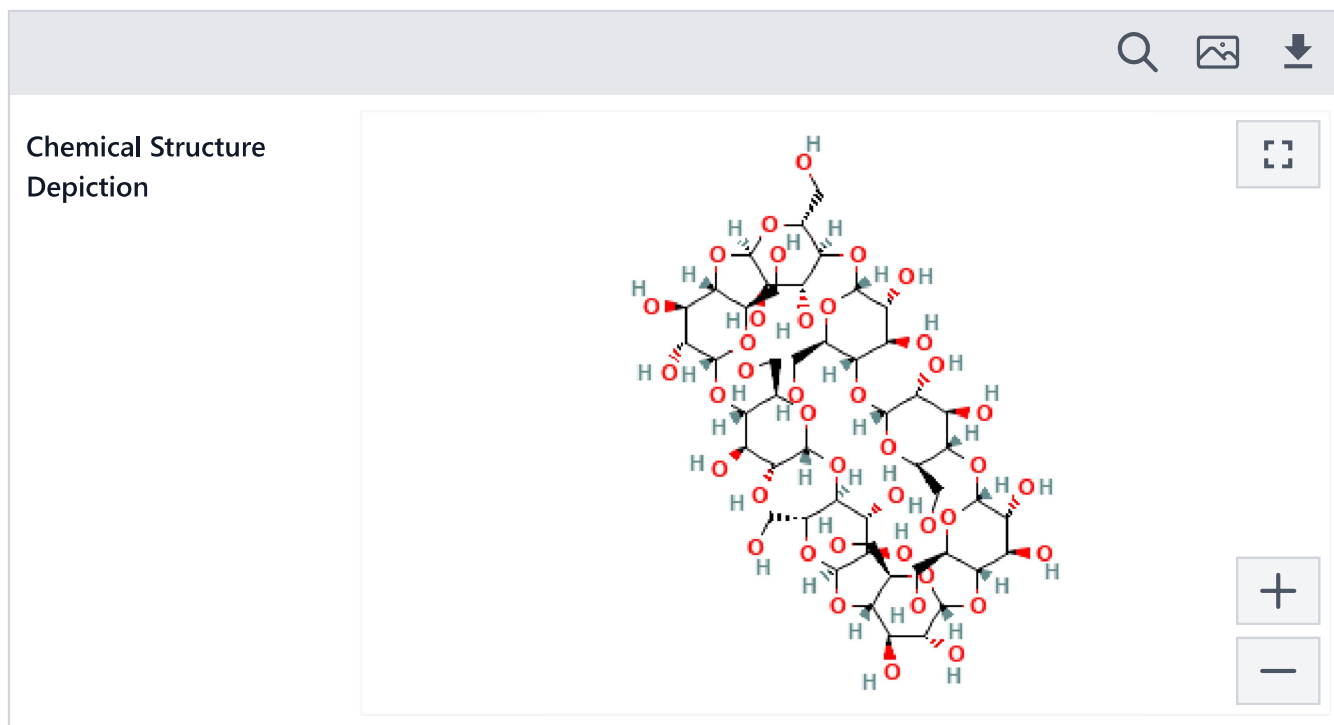
17 Information Sources

1 Structures



1.1 2D Structure





1.2 3D Status



Conformer generation is disallowed since too many atoms

▶ PubChem

1.3 Crystal Structures



COD records with this
CID as component [4133957](#)

▶ Crystallography Open Database (COD)

2 Biologic Description



1 of 2

WURCS

WURCS=2.0/1,8,8/[a2122h-1a_1-5]/1-1-1-1-1-1-1/a1-h4_a4-b1_b4-c1_c4-d1_d4-e1_e4-f1_f4-g1_g4-h1