# Diketocyclobutene

**Other names:** Diketocyclobutene
**Inchi:** InChI=1S/C4H2O2/c5-3-1-2-4(3)6/h1-2H
**InchiKey:** RGBVWCQARBEPPW-UHFFFAOYSA-N
**Formula:** C4H2O2
**SMILES:** O=c1ccc1=O
**Mol. weight [g/mol]:** 82.06

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| ie | 9.79 | eV | NIST Webbook |
| logp | -0.717 | | Crippen Method |
| mcvol | 55.200 | ml/mol | McGowan Method |

## Sources

**Cheméo Relay (1.0):**
**Cheméo Relay (1.0, beta):**
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C32936746&Units=SI
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

## Legend

**ie:** Ionization energy
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.