# Bis-(o-aminophenyl)-2,2'-dibezimidazole oxide

**Inchi:** InChI=1S/C26H20N6O/c27-19-7-3-1-5-17(19)25-29-21-11-9-15(13-23(21)31-25)33-16-10
**InchiKey:** FZSYQUANOMQFJO-UHFFFAOYSA-N
**Formula:** C26H20N6O
**SMILES:** Nc1ccccc1-c1nc2ccc(Oc3ccc4nc(-c5ccccc5N)[nH]c4c3)cc2[nH]1
**Mol. weight [g/mol]:** 432.48
**CAS:** 25829-64-5

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| chs | -13191.00 ± 6.00 | kJ/mol | NIST Webbook |
| hfs | 102.00 ± 10.00 | kJ/mol | NIST Webbook |
| log10ws | -9.16 | | Crippen Method |
| logp | 4.766 | | Crippen Method |
| mcvol | 317.590 | ml/mol | McGowan Method |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C25829645&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772

## Legend

**chs:** Standard solid enthalpy of combustion
**hfs:** Solid phase enthalpy of formation at standard conditions
**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume

Latest version available from: