

Glutarimide, N-(2,4-dimethoxyphenyl)-

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|-----------------------------|--|
| Inchi: | InChI=1S/C13H15NO4/c1-17-9-6-7-10(11(8-9)18-2)14-12(15)4-3-5-13(14)16/h6-8H,3-5H |
| InchiKey: | CHCBWHCCNLBJEN-UHFFFAOYSA-N |
| Formula: | C13H15NO4 |
| SMILES: | COc1ccc(N2C(=O)CCCC2=O)c(OC)c1 |
| Mol. weight [g/mol]: | 249.26 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -2.32 | | Crippen Method |
| logp | 1.747 | | Crippen Method |
| mcvol | 184.270 | ml/mol | McGowan Method |
| rinpola | 2574.00 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U360879&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| McGowan Method: | http://link.springer.com/article/10.1007/BF02311772 |

Legend

| | |
|-----------------|-------------------------------------|
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |
| mcvol: | McGowan's characteristic volume |
| rinpola: | Non-polar retention indices |

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<https://www.chemeo.com/cid/38-076-6/Glutarimide-N-2-4-dimethoxyphenyl.pdf>

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