

Benz[b]indeno[2,1-h]fluorene

| | |
|-----------------------------|---|
| Inchi: | InChI=1S/C24H14/c1-2-6-16-12-23-18(9-15(16)5-1)11-20-13-22-19(14-24(20)23)10-17-7 |
| InchiKey: | ZYUZIMNCXGNZQR-UHFFFAOYSA-N |
| Formula: | C24H14 |
| SMILES: | C1=c2cc3c(cc2-c2ccccc21)=Cc1cc2ccccc2cc1-3 |
| Mol. weight [g/mol]: | 302.37 |
| CAS: | 102634-38-8 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -7.87 | | Crippen Method |
| logp | 4.458 | | Crippen Method |
| mcvol | 232.260 | ml/mol | McGowan Method |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C102634388&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 |

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