

# 1H-Indeno[6,7,1-mna]anthracene

|                             |  |
|-----------------------------|--|
| <b>Inchi:</b>               | InChI=1S/C19H12/c1-2-4-16-14(3-1)11-15-8-7-12-5-6-13-9-10-17(16)19(15)18(12)13/h1- |
| <b>InchiKey:</b>            | BYPYPHWWHJIUHH-UHFFFAOYSA-N  |
| <b>Formula:</b>             | C19H12   |
| <b>SMILES:</b>              | C1=c2ccc3cc4ccccc4c4ccc(c2c34)C1   |
| <b>Mol. weight [g/mol]:</b> | 240.30   |
| <b>CAS:</b>                 | 190-12-5   |

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -6.60   |        | Crippen Method |
| logp          | 4.202   |        | Crippen Method |
| mcvol         | 185.570 | ml/mol | McGowan Method |

## Sources

|                        |   |
|------------------------|---|
| <b>Crippen Method:</b> | <a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>                         |
| <b>McGowan Method:</b> | <a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>                     |
| <b>NIST Webbook:</b>   | <a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C190125&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C190125&amp;Units=SI</a> |
| <b>Crippen Method:</b> | <a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>                                 |

## Legend

|                 |                                     |
|-----------------|-------------------------------------|
| <b>log10ws:</b> | Log10 of Water solubility in mol/l  |
| <b>logp:</b>    | Octanol/Water partition coefficient |
| <b>mcvol:</b>   | McGowan's characteristic volume     |

Latest version available from:

<https://www.chemeo.com/cid/73-901-0/1H-Indeno-6-7-1-mna-anthracene.pdf>

Generated by Cheméo on 2024-04-26 19:16:29.123430041 +0000 UTC m=+16448238.044007353.

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