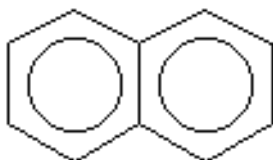


Naphthalene

- **Formula:** C₁₀H₈
- **Molecular weight:** 128.17
- **IUPAC International Chemical Identifier:**
 - InChI=1/C10H8/c1-2-6-10-8-4-3-7-9(10)5-1/h1-8H
 - [Download the identifier in a file.](#)
- **CAS Registry Number:** 91-20-3
- **Chemical structure:**



This structure is also available as a [2d Mol file](#) or as a [computed 3d Mol file](#).

- **Isotopomers:**
 - [Naphthalene-d8](#)
- **Other names:** Albocarbon; Dezodorator; Moth flakes; Naphthalin; Naphthaline; Naphthene; Tar camphor; White tar; Camphor tar; Moth balls; Naftalen; NCI-C52904; Mighty 150; Mighty rd1; Napthalene, molten; Rcra waste number U165; UN 1334; UN 2304
- **Information on this page:**
 - [UV/Visible Spectrum](#)
 - [References](#)
 - [Notes / Error Report](#)
- **Other data available:**
 - [Gas phase thermochemistry data](#)
 - [Condensed phase thermochemistry data](#)
 - [Phase change data](#)
 - [Reaction thermochemistry data](#)
 - [Henry's Law data](#)
 - [Gas phase ion energetics data](#)
 - [Ion clustering data](#)
 - [IR Spectrum](#)
 - [Mass Spectrum](#)
 - [Gas Chromatography](#)
- **Data at other NIST sites:**
 - [Computational Chemistry Comparison and Benchmark Database \(on SRD web site\)](#)

- [Gas phase kinetics \(on kinetics web site\)](#)
 - **Options:**
 - [Switch to calorie-based units](#)
-

UV/Visible Spectrum

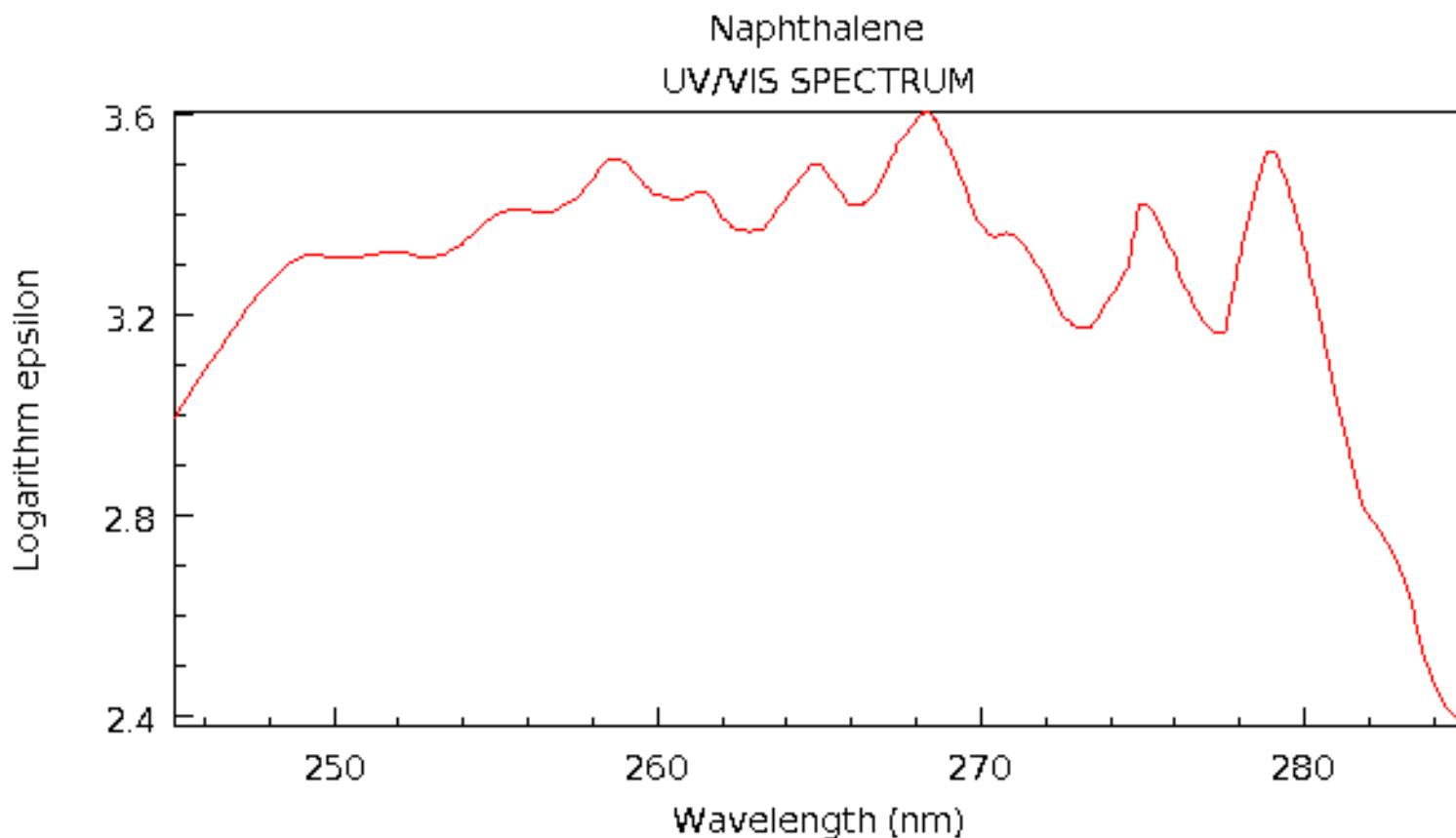
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Spectrum

Notice: This spectrum may be better viewed with a Java capable browser.



NIST Chemistry WebBook (<http://webbook.nist.gov/chemistry>)

For Zoom

- 1.) Enter the desired X axis range (e.g., 100 , 200)
- 2.) Check here for automatic Y scaling
- 3.) Press here to zoom

Additional Data

View [image of digitized spectrum](#) (can be printed in landscape orientation).

Download (or view) [spectrum image in SVG format](#).

Download [spectrum](#) in JCAMP-DX format.

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Owner	INEP CP RAS, NIST OSRD Collection (C) 2004 copyright by the U.S. Secretary of Commerce on behalf of the United States of America. All rights reserved.
Origin	INSTITUTE OF ENERGY PROBLEMS OF CHEMICAL PHYSICS, RAS
Source reference	RAS UV No. 1174
Instrument	Beckman DU
Melting point	80.2
Boiling point	217.9

References

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Ferguson, Reeves, et al., 1957

[Ferguson, J.](#); [Reeves, L.W.](#); [Schneider, W.G.](#), *Vapor absorption spectra and oscillator strengths of naphthalene, anthracene, and pyrene*, **Can. J. Chem.**, 1957, 35, 1117-1123. [\[all data\]](#)

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