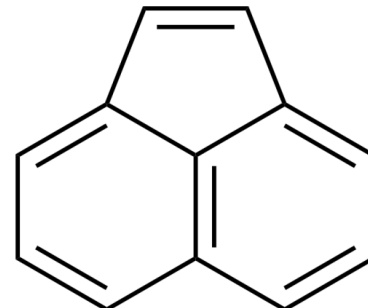


Data Sheet

Product Name:	Acenaphthylene
Cat. No.:	CS-W014286
CAS No.:	208-96-8
Molecular Formula:	C ₁₂ H ₈
Molecular Weight:	152.20
Target:	Others
Pathway:	Others
Solubility:	DMSO : ≥ 250 mg/mL (1642.58 mM)



BIOLOGICAL ACTIVITY:

Acenaphthylene is a polycyclic aromatic hydrocarbon (PAH). PAHs are derived naturally from coal and tar deposits, and produced by incomplete combustion of organic matter^[1].

References:

[1]. Fabienne Reisen, et al. Reactions of hydroxyl radicals and ozone with acenaphthene and acenaphthylene. Environ Sci Technol. 2002 Oct 15;36(20):4302-11.

[2]. Amin Kiani, et al. Monitoring of polycyclic aromatic hydrocarbons and probabilistic health risk assessment in yogurt and butter in Iran. Food Sci Nutr. 2021 Feb 14;9(4):2114-2128.

CAIndexNames:

Acenaphthylene

SMILES:

C12=CC=CC3=C1C(C=C2)=CC=C3

Caution: Product has not been fully validated for medical applications. For research use only.

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