

Product Data Sheet

Product Name: Fluorene
Cat. No.: GC61429

Chemical Properties

Cas. No. 86-73-7

SMILES C1(C=CC=C2)=C2CC3=C1C=CC=C3

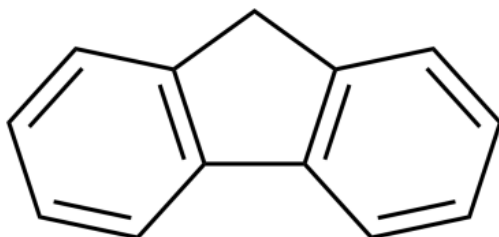
Formula $C_{13}H_{10}$ M.Wt 166.22

Solubility DMSO: 62.5 mg/mL (376.01 mM) Storage 4°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Fluorene, a polycyclic aromatic hydrocarbon (PAH), is a precursor to other fluorene compounds. Fluorene and its derivative can be used as a precursor to fluorene-based dyes[1].

[1]. Paul Olusegun Bankole, et al. Biodegradation of fluorene by the newly isolated marine-derived fungus, *Mucor irregularis* strain bpo1 using response surface methodology. *Ecotoxicol Environ Saf.* 2021 Jan 15;208:111619.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA