
Product Data Sheet

Product Name: 1-Ethynylpyrene

Cat. No.: GC60446

Chemical Properties

Cas. No. 34993-56-1

SMILES C#CC1=C(C2=C34)C=CC4=CC=CC3=CC=C2C=C1Formula $C_{18}H_{10}$ M.Wt 226.27Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

1-Ethynylpyrene is an aryl acetylenic inhibitor of cytochromes P450 1A1, 1A2, and 2B1 with IC50s of 0.18, 0.32, and 0.04 μM , respectively[1].

1-Ethynylpyrene exhibits activity against P450 1A2, and 2B1 with Kis of 0.32 and 0.04 μM , respectively[1].

[1]. Naijue Zhu, et al. Ethynyl and Propynylpyrene Inhibitors of Cytochrome P450. J Chem Crystallogr. 2010 Apr 1;40(4):343-352.

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