

1-Ethynynaphthalene

Catalog No: tcsc0040672



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

15727-65-8

Formula:

$C_{12}H_8$

Pathway:

Metabolic Enzyme/Protease

Target:

Cytochrome P450

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

152.19

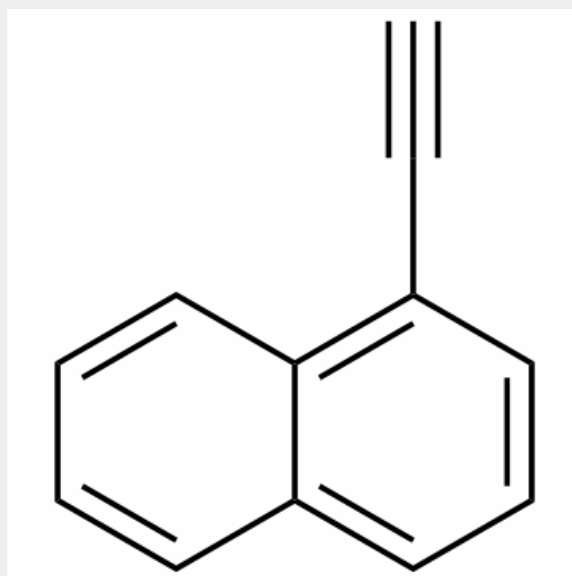
Product Description

1-Ethynynaphthalene is a selective inhibitor of cytochrome **P450 1B1**.

IC50 & Target: P450 1B1^[1]

In Vitro: 1-Ethynynaphthalene, selective inhibitor of cytochrome P450 1B1, does not affect 2-hydroxylation but inhibits 4-hydroxylation by 38%. At higher concentrations, 1-Ethynynaphthalene inhibits 2-hydroxylation of 2-Hydroxylation of estradiol (E₂)

by ~30% and 4-hydroxylation of E₂ by up to 80%^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!