

Pifithrin-β

Catalog No: tcsc3372



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

60477-34-1

Formula:

$C_{16}H_{16}N_2S$

Pathway:

Apoptosis

Target:

MDM-2/p53

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

PFT β

Observed Molecular Weight:

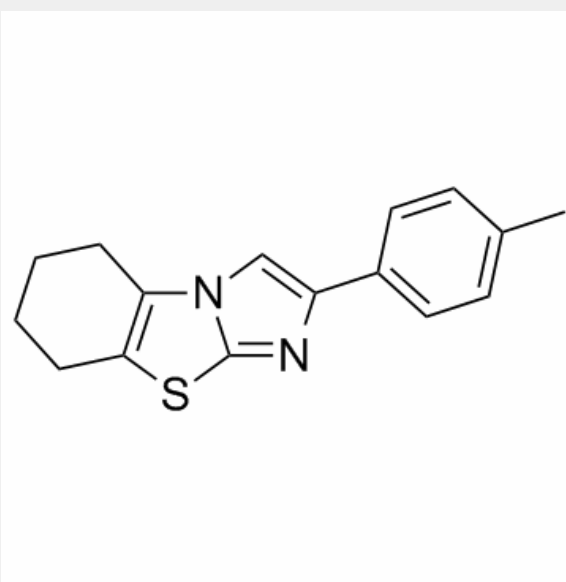
268.38

Product Description

Pifithrin-β is a potent **p53** inhibitor with an **IC₅₀** of 23 μM.

IC50 & Target: IC50: 23 μM (p53)^[1]

In Vitro: Pifithrin-α, an inhibitor of the p53 protein, is regarded as a lead compound for cancer and neurodegenerative disease therapy. Pifithrin-α is very unstable in culture medium and rapidly converts to its condensation product pifithrin-β, the N-acetyl derivative^[2]. After 24 h, the viability assay shows that the pretreatments with 1 and 10 μM pifithrin-β exerts neuroprotective effects^[3].



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