

Pifithrin- β (hydrobromide)

Catalog No: tcsc3371



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

511296-88-1

Formula:

$C_{16}H_{17}BrN_2S$

Pathway:

Apoptosis

Target:

MDM-2/p53

Purity / Grade:

>98%

Solubility:

DMSO : 26 mg/mL (74.44 mM; Need ultrasonic and warming)

Alternative Names:

PFT β (hydrobromide)

Observed Molecular Weight:

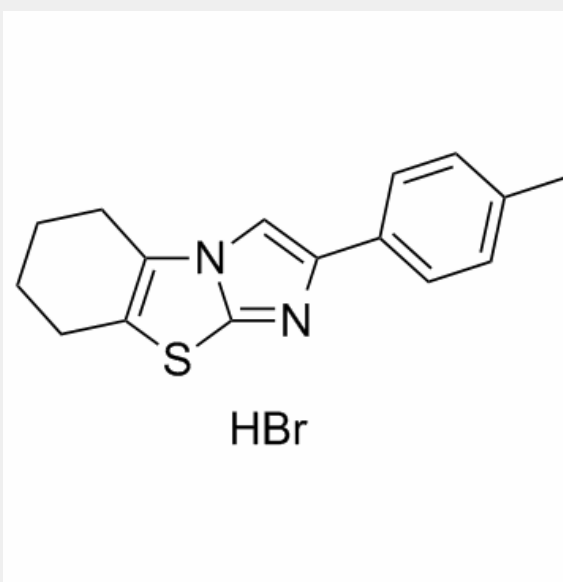
349.29

Product Description

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

IC50 & Target: IC50: 23 μ M (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 μ M pifithrin- β exerts neuroprotective effects^[3].



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