

CCT007093

Catalog No: tcsc2461



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

176957-55-4

Formula:

$C_{15}H_{12}OS_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 2.8 mg/mL (10.28 mM)

Observed Molecular Weight:

272.39

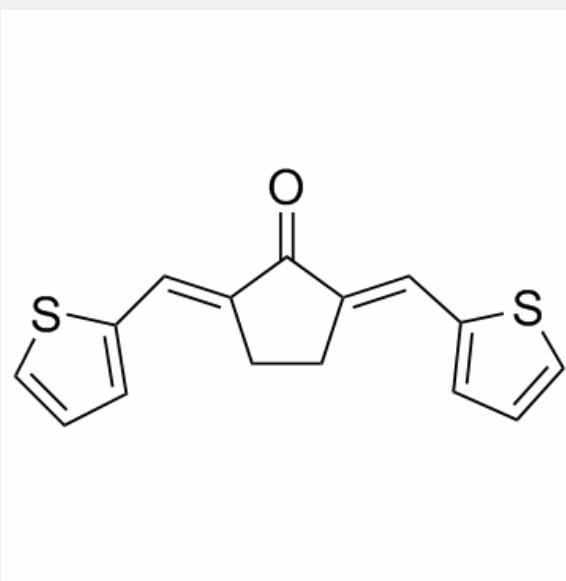
Product Description

CCT 007093 is an effective PPM1D inhibitor that selectively reduces viability of human tumour cell lines.

IC50 value:

Target: PPM1D

As expected of a specific inhibitor, the toxicity of CCT007093 to PPM1D overexpressing cell lines after inhibitor treatment is P38 dependent [1]. Knockdown of WIP1 or treatment with the WIP1 inhibitor CCT007093 results in increased phosphorylation of known WIP1 targets, reduced HDM2 expression, and reduced growth specifically in WIP1 wild-type and high-expressing medulloblastoma cells [2]. CCT007093 treatment appeared to promote apoptosis in breast cancer cells and skin transformed keratinocytes that ectopically expressed Wip1, demonstrating that the effect of CCT007093 differs based on the level of Wip1 expression [3].



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