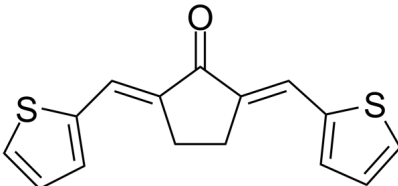


Certificate of Analysis

Catalog Number	BP10771
Product Name	CCT007093

Physical and Chemical Properties

CAS No.	176957-55-4
Chemical Formula	C ₁₅ H ₁₂ OS ₂
Molecular Weight	272.38
Solubility	DMSO: 10mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	CCT007093 is an effective PPM1D (WIP1) inhibitor (IC ₅₀ : 8.4 μM).
Targets&IC ₅₀	PPM1D: 8.4 μM

In vitro	Cells are transfected with a pSUPER plasmid and an additional plasmid expressing the blasticidin resistance gene (pEFBsd) in a molar ratio of 10:1. Cells are plated in 10 cm plates 24 h after transfection. Blasticidin selection (5 µg/ml) is initiated 48 h post-transfection and replenished every 3 days. Colonies are fixed in methanol and stained with crystal violet after 14 days. Colonies are quantified on a Colcount and the surviving fraction (SF) determined.(Only for Reference)
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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