10058-F4, c-Myc-Max dimerization inhibitor

**Overview**

- **Product name**: 10058-F4, c-Myc-Max dimerization inhibitor
- **Description**: Cell-permeable c-Myc-Max dimerization inhibitor
- **Biological description**: Cell-permeable c-Myc-Max dimerization inhibitor. Downregulates c-Myc expression and upregulates CDK inhibitors, p21 and p27. Inhibits proliferation. Induces apoptosis and cell cycle arrest in G0/G1 phase. Shows antitumor effects *in vivo*.
- **Purity**: > 99%
- **CAS Number**: 403811-55-2
- **Chemical structure**

![Chemical structure image]

**Properties**

- **Chemical name**: 5-[(4-Ethylphenyl)methylene]-2-thioxo-4-thiazolidinone
- **Molecular weight**: 249.35
- **Molecular formula**: C12H11NOS2
- **PubChem identifier**: 1271002
- **Storage instructions**: Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
- **Solubility overview**: Soluble in ethanol to 25 mM and in DMSO to 100 mM
- **Handling**: Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked](#)
questions (FAQ) page for more details.

**SMILES**

CCC1=CC=C(C=C1)C=C2C(=O)NC(=S)S2

**Source**

Synthetic

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team.