

**Product Name:** 5-(4-Dimethylaminobenzylidene)rhodanine, 99%  
**Catalog Number:** 151470100

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**CAS Number:** 536-17-4  
**IUPAC Name:** (5Z)-5-[[4-(dimethylamino)phenyl]methylidene]-2-sulfanylidene-1,3-thiazolidin-4-one  
**Molecular Formula:** C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>OS<sub>2</sub>  
**Molecular Weight:** 264.36  
**InChI Key:** JJRVRELEASDUMY-YFHOEESVSA-N  
**SMILES:** CN(C)C1=CC=C(C=C2/SC(=S)NC2=O)C=C1  
**Synonym:** (5Z)-5-[[4-(dimethylamino)phenyl]methylidene]-2-sulfanylidene-1,3-thiazolidin-4-one

### Product Specification

**Appearance (Color):** Red  
**Appearance (Form):** Powder  
**Infrared spectrum:** Conforms  
**Titration with TBAH:** 98.5 to 101.5 %  
**Solubility:** (0.03 % in acetone) Clear  
**Suitability:** (for Ag determination) Passes test

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**Date Of Print:** 04/17/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*