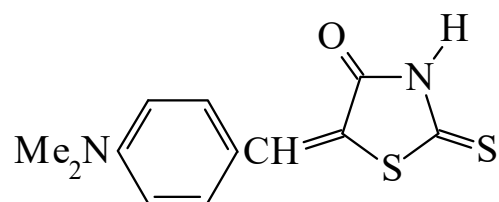




>>Entry Name: 5-[[4-(Dimethylamino)phenyl]ethylene]-2-thioxo-4-thiazolidinone, 9CI

Synonym(s): *p*-Dimethylaminobenzylidenerhodanine



CAS Registry Number: 536-17-4

Type of Compound Code(s): PM7100 PA5010 PS8300

Molecular Formula: C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>OS<sub>2</sub>

Molecular Weight: 264.372

Accurate Mass: 264.039103

Percentage Composition: C 54.52%; H 4.57%; N 10.60%; O 6.05%; S 24.26%

Use/Importance: Used as 0.03% Me<sub>2</sub>CO soln. for photometric detn. of Ag (ε 2000), Au, Hg, Pd, Pt

Physical Description: Red cryst. powder

Melting Point: Mp 285-288 dec.°

Solubility: Sl. sol. Me<sub>2</sub>CO, EtOH, CHCl<sub>3</sub>; insol. H<sub>2</sub>O

Other Data: Used as 0.03% Me<sub>2</sub>CO soln.

Aldrich: 11458-8

Fluka: 39092

Rare Chemicals Library: S7232-0

Sigma: D1801

#### References:

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