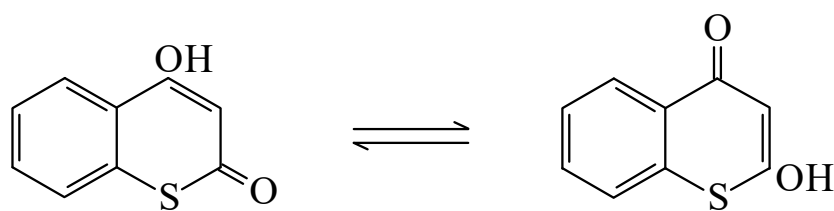




>>Entry Name: 4-Hydroxy-2*H*-1-benzothiopyran-2-one, 9CI

Synonym(s): 2-Hydroxy-4*H*-1-benzothiopyran-4-one. 4-Hydroxythiocoumarin. 2-Hydroxythiochromone



CAS Registry Number: 107514-60-3

Related CAS Registry Numbers(s): 16854-67-4

Molecular Formula: C₉H₆O₂S

Molecular Weight: 178.211

Accurate Mass: 178.00885

Percentage Composition: C 60.66%; H 3.39%; O 17.96%; S 17.99%

Melting Point: Mp 206-208°

References:

Ruwet, A. *et al.*, *Bull. Soc. Chim. Belg.*, 1970, **79**, 639-644, (*synth*)

Lau, C.K. *et al.*, *J.O.C.*, 1987, **52**, 1670, (*synth*, *pmr*)

Jung, J.-C. *et al.*, *Synth. Commun.*, 2000, **30**, 1193-1203; 2001, **31**, 1195-1200, (*synth*, *ir*, *pmr*, *cmr*, *ms*)