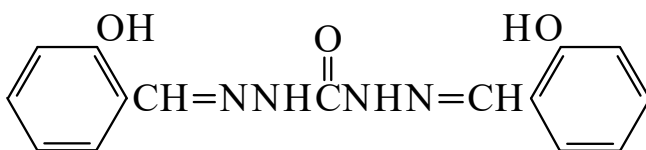




>>Entry Name: Bis[(2-hydroxyphenyl)methylene]carbonic dihydrazide, 9Cl

Synonym(s): 1,5-Bis(salicylmethyleneamino)carbohydrazide



CAS Registry Number: 6638-49-9

Molecular Formula: C₁₅H₁₄N₄O₃

Molecular Weight: 298.301

Accurate Mass: 298.106591

Percentage Composition: C 60.40%; H 4.73%; N 18.78%; O 16.09%

Use/Importance: Used as 1mM EtOH soln. for fluorimetric detn. of Al ($\lambda_{\max}$ 440 nm, pH 2.6, 50% EtOH)

Physical Description: Cryst.

Solubility: Sol. EtOH

References:

Montana Gonzalez, M.T. *et al.*, *An. Quim., Ser. B*, 1984, **80**, 129, (*synth*)

Garcia de Torres, A. *et al.*, *Analisis*, 1989, **17**, 592, (*detn, Al*)