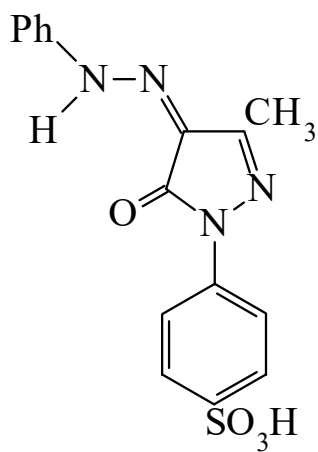




>>Entry Name: Flavazine L

Synonym(s): 4-[4,5-Dihydro-3-methyl-5-oxo-4-(phenylazo)-1H-pyrazol-1-yl]benzenesulfonic acid



Molecular Formula: C₁₆H₁₄N₄O₄S

Molecular Weight: 358.377

Accurate Mass: 358.073576

Percentage Composition: C 53.62%; H 3.94%; N 15.63%; O 17.86%; S 8.95%

General Statement: Strictly, the name Flavazine applies to the Na salt

>>Derivative: Na salt

CAS Registry Number: 6359-82-6

Use/Importance: Used as a 0.5% aq. soln. for gravimetric detn. of Zr

Physical Description: Orange-red cryst.

Solubility: Sol. H₂O

Aldrich: 20199-5

Sigma: F8879

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, 2, 1000A, (ir)

Sigma-Aldrich Library of Stains, Dyes and Indicators, 369

Popa, G. *et al.*, *Anal. Chim. Acta*, 1962, **26**, 434