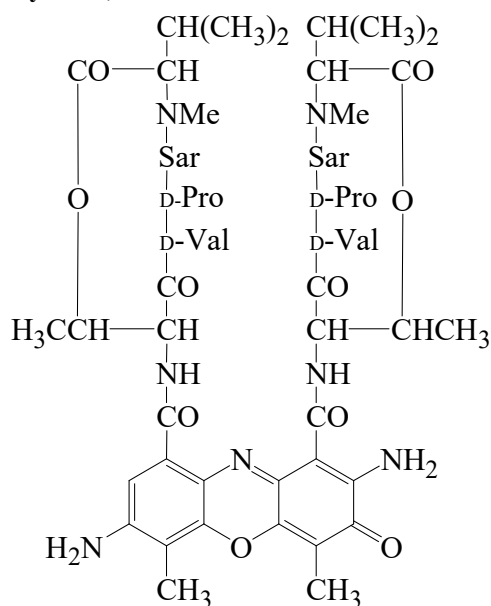




>>Entry Name: 7-Aminoactinomycin D, 9Cl



CAS Registry Number: 7240-37-1

Molecular Formula: C₆₂H₈₇N₁₃O₁₆

Molecular Weight: 1270.447

Accurate Mass: 1269.639377

Percentage Composition: C 58.62%; H 6.90%; N 14.33%; O 20.15%

Use/Importance: Fluorescent stain for DNA

Physical Description: Purple cryst. (EtOAc/hexane)

Melting Point: Mp 252-253°

Optical Rotation: $[\alpha]_D^{20} -348$ (c, 0.033 in CHCl₃)

Sigma: A9400

References:

Gill, J.E. *et al.*, *J. Histochem. Cytochem.*, 1975, **23**, 793-799, (uv, fluor)

Sengupta, S.K. *et al.*, *J. Med. Chem.*, 1975, **18**, 1175-1180; 1978, **21**, 958-961, (synth, uv)