



>>Derivative: *N,N,N',N'*-Tetra-Et, perchlorate

CAS Registry Number: 53164-46-8

Molecular Formula: C₂₁H₂₇ClN₂O₅

Molecular Weight: 422.907

Accurate Mass: 422.16085

Percentage Composition: C 59.64%; H 6.43%; Cl 8.38%; N 6.62%; O 18.92%

Physical Description: Cryst.

>>Derivative: *N,N'*-Di-Me

Synonym(s): 3,6-Bis(methylamino)xanthylum (1+). Acridine Red. CI 740. CI 45000

CAS Registry Number: 2465-29-4

Use/Importance: Biological stain

pKa Value: p*K*_a 8.1 (H₂O)

Other Data: CAS no. refers to chloride

References:

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Nabivanets, B.I. *et al.*, *Zh. Anal. Khim.*, 1973, **28**, 1901, (*tetra-Me, detn, Au*)

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Rao, T.P. *et al.*, *Analyst (London)*, 1982, **107**, 704, (*tetra-Me, detn, Cd*)

Viriot, M.L. *et al.*, *Analisis*, 1989, **17**, 97-111, (*uv*)

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