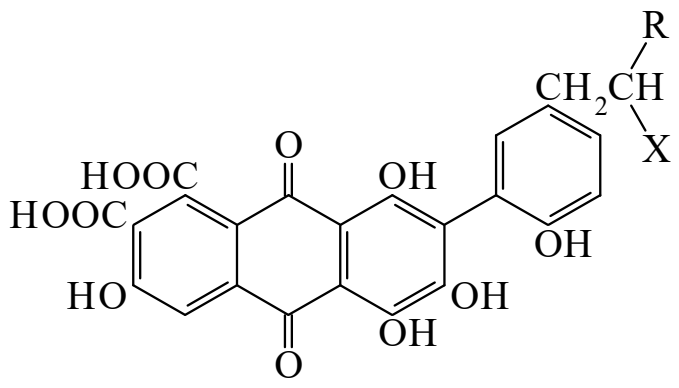
>>**Entry Name: Laccaic acid A_1**
Synonym(s): 7-[5-[2-(Acetylamino)ethyl]-2-hydroxyphenyl]-9,10-dihydro-3,5,6,8-tetrahydroxy-9,10-dioxo-1,2-anthracenedicarboxylic acid, 9Cl. Laccaic acid A



R = H, X = NHAc

CAS Registry Number: 15979-35-8
Related CAS Registry Numbers(s): 60687-93-6

Molecular Formula: $C_{26}H_{19}NO_{12}$
Molecular Weight: 537.436
Accurate Mass: 537.090729
Percentage Composition: C 58.11%; H 3.56%; N 2.61%; O 35.72%
Biological Source: Pigment from stick lac
Physical Description: Red, strongly dichroic platelets (MeOH) or bright-red needles (H_2O or MeOH)
Other Data: Does not melt but chars from 230°

>>**Derivative:** Di-Me ester, penta-Me ether

Molecular Formula: $C_{33}H_{33}NO_{12}$
Molecular Weight: 635.623
Percentage Composition: C 62.36%; H 5.23%; N 2.20%; O 30.21%
Melting Point: Mp 115-116°

References:

Pandhare, E.D. *et al.*, *Tetrahedron, Suppl.*, No. 8, 1966, 229
Burwood, R. *et al.*, *J.C.S.(C)*, 1967, 842, *(isol, uv)*
Pandhare, E.D. *et al.*, *Tet. Lett.*, 1967, 2437, *(isol, struct)*