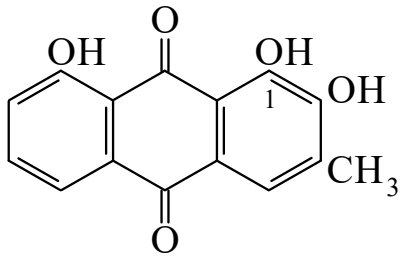
>>**Entry Name: 1,2,8-Trihydroxy-3-methylanthraquinone**
Synonym(s): Norobtusifolin. 2-Hydroxychrysophanol. 1,2,8-Trihydroxy-3-methyl-9,10-anthracenedione, 9CI



Molecular Formula: $C_{15}H_{10}O_5$
Molecular Weight: 270.241
Accurate Mass: 270.052825
Percentage Composition: C 66.67%; H 3.73%; O 29.60%
Biological Source: Constit. of *Myrsine africana* root
Physical Description: Orange-red needles (MeOH)
Melting Point: Mp 265° (255°)

>>**Derivative:** 1-Me ether
Synonym(s): 2,8-Dihydroxy-1-methoxy-3-methylanthraquinone. **Obtusifolin‡**
CAS Registry Number: 477-85-0

Molecular Formula: $C_{16}H_{12}O_5$
Molecular Weight: 284.268
Accurate Mass: 284.068475
Percentage Composition: C 67.60%; H 4.25%; O 28.14%

Physical Description: Yellow needles (MeOH)
Melting Point: Mp 237-238°
Other Data: Not the same as Obtusifolin BFP17-Y

>>**Derivative:** 1-Me ether, di-Ac

Molecular Formula: $C_{20}H_{16}O_7$
Molecular Weight: 368.342
Accurate Mass: 368.089605
Percentage Composition: C 65.22%; H 4.38%; O 30.41%
Physical Description: Light yellow needles
Melting Point: Mp 187-188°

>>**Derivative:** 1-Me ether, 2-*O*-β-D-glucopyranoside
Synonym(s): Glucoobtusifolin

CAS Registry Number: 120163-18-0

Molecular Formula: $C_{22}H_{22}O_{10}$
Molecular Weight: 446.41
Accurate Mass: 446.1213
Percentage Composition: C 59.19%; H 4.97%; O 35.84%

Use/Importance: Platelet aggregation inhibitor
Physical Description: Cryst + $1H_2O$
Melting Point: Mp 205-206°