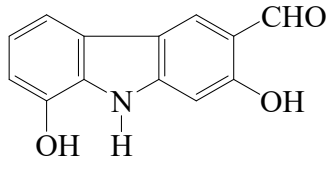
>>**Entry Name: 2,8-Dihydroxy-9*H*-carbazole-3-carboxaldehyde,** 9Cl
Synonym(s): 6-Formyl-1,7-dihydroxycarbazole. **Clauszoline M**



CAS Registry Number: 187110-72-1

Molecular Formula: $C_{13}H_9NO_3$
Molecular Weight: 227.219
Accurate Mass: 227.058244
Percentage Composition: C 68.72%; H 3.99%; N 6.16%; O 21.12%
Biological Source: Alkoloid form *Clausena excavata*
Physical Description: Pale yellow powder
UV: [neutral] λ_{max} 217 (); 240 (); 275 (); 290 (); 356 () (MeOH)

>>**Derivative:** 8-Me ether
Synonym(s): 2-Hydroxy-8-methoxy-9*H*-carbazole-3-carboxaldehyde, 9Cl. 6-Formyl-7-hydroxy-1-methoxycarbazole. **Clausine A**

CAS Registry Number: 80054-00-8

Molecular Formula: $C_{14}H_{11}NO_3$
Molecular Weight: 241.246
Accurate Mass: 241.073894
Percentage Composition: C 69.70%; H 4.60%; N 5.81%; O 19.90%
Biological Source: Alkaloid from stem bark of *Clausena excavata*
Physical Description: Yellowish needles (Me_2CO)
Melting Point: Mp 184-186°
UV: [neutral] λ_{max} 202 (log ε 4.27); 218 (log ε 4.33); 241 (log ε 4.52); 268 (sh) (log ε 4.42); 275 (log ε 4.53); 288 (log ε 4.38); 352 (log ε 4.04) (MeOH)

References:

Wu, T.-S.*, Phytochemistry*, 1996, **43**, 1427-1429, *(Clausine A)*
Ito, C. *et al.*, *Chem. Pharm. Bull.*, 1997, **45**, 48-52, *(isol, uv, pmr)*

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