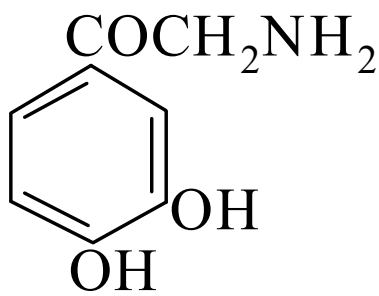




>>Entry Name: 2-Amino-3',4'-dihydroxyacetophenone, 8CI

Synonym(s): 2-Amino-1-(3,4-dihydroxyphenyl)ethanone. Noradrenalone. Arterenone



CAS Registry Number: 499-61-6

Molecular Formula: $C_8H_9NO_3$

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Biological Source: Isol. from hydrolysates of sclerotized insect cuticle

>>Derivative: N-Ac

Synonym(s): 2-Acetamido-3',4'-dihydroxyacetophenone. N-Acetyl-2-oxodopamine

Molecular Formula: $C_{10}H_{11}NO_4$

Molecular Weight: 209.201

Accurate Mass: 209.068809

Percentage Composition: C 57.41%; H 5.30%; N 6.70%; O 30.59%

Biological Source: Isol. from the cast-off shells of the cicada, *Cryptotympana* sp.

Physical Description: Yellow cryst.

Melting Point: Mp 168-175°

References:

Remizov, A.L., *Zh. Obshch. Khim.*, 1958, **28**, 2530, (*synth*)

Anderson, S.O., *J. Insect Physiol.*, 1970, **16**, 1951, (*isol*)

Noda, N. *et al.*, *Chem. Pharm. Bull.*, 2000, **48**, 1749-1752, (*isol, N-Ac*)