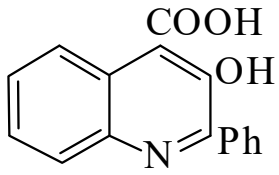
>>**Entry Name: 3-Hydroxy-2-phenyl-4-quinolinecarboxylic acid,** 9CI

Synonym(s): 3-Hydroxy-2-phenylcinchoninic acid, 8CI. 3-Hydroxycinchophen. **Oxycinchophen,** BAN, INN**.** Atoreuma. Chinoxone. Fenidrone. Magnophenyl. Oxinofen. Reumalon. Reumartril. Sintofene. Astra 1410



CAS Registry Number: 485-89-2
Related CAS Registry Numbers(s): 18830-11-0

Molecular Formula: $C_{16}H_{11}NO_3$
Molecular Weight: 265.268
Accurate Mass: 265.073894
Percentage Composition: C 72.45%; H 4.18%; N 5.28%; O 18.09%
Biological Use/Importance: Uricosuric drug, antidiuretic
Physical Description: Dark-yellow prisms (EtOH)
Development Status: No longer marketed
Melting Point: Mp 218-219° (200-202° dec.)
Calculated Log P Data: Log P 5.23 (calc)
Other Data: Light green fluor. in alkaline soln.
Hazard & Toxicity: LD_{50} (mus, orl) 495 mg/kg

Rare Chemicals Library: S35116-4

>>**Derivative:** Trihydrate

Physical Description: Light yellow microneedles

>>**Derivative:** Ba salt

Physical Description: Faint yellow needles + $6H_2O$

>>**Derivative:** Me ester

CAS Registry Number: 63330-58-5
Molecular Formula: $C_{17}H_{13}NO_3$
Molecular Weight: 279.295
Accurate Mass: 279.089544
Percentage Composition: C 73.11%; H 4.69%; N 5.02%; O 17.19%
Physical Description: Solid
Melting Point: Mp 104-105°

>>**Derivative:** Et ester

Molecular Formula: $C_{18}H_{15}NO_3$
Molecular Weight: 293.321
Accurate Mass: 293.105194
Percentage Composition: C 73.71%; H 5.15%; N 4.78%; O 16.36%
Physical Description: Solid
Melting Point: Mp 110-111°

>>**Derivative:** Amide

CAS Registry Number: 63330-59-6
Molecular Formula: $C_{16}H_{12}N_2O_2$
Molecular Weight: 264.283
Accurate Mass: 264.089878
Percentage Composition: C 72.72%; H 4.58%; N 10.60%; O 12.11%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 244°