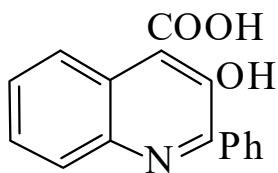




>>Entry Name: 3-Hydroxy-2-phenyl-4-quinolinecarboxylic acid, 9Cl

Synonym(s): 3-Hydroxy-2-phenylcinchoninic acid, 8Cl. 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: C₁₆H₁₁NO₃

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: LD₅₀ (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 + 6H₂O

>>Derivative: Me ester

CAS Registry Number: 63330-58-5

Molecular Formula: C₁₇H₁₃NO₃

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: C₁₈H₁₅NO₃

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: C₁₆H₁₂N₂O₂

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°