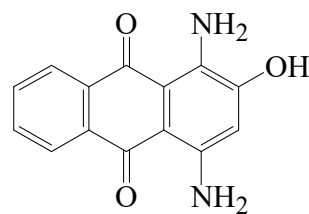




>>Entry Name: 1,4-Diamino-2-hydroxyanthraquinone



CAS Registry Number: 16382-91-5

Molecular Formula: C₁₄H₁₀N₂O₃

Molecular Weight: 254.245

Accurate Mass: 254.069143

Percentage Composition: C 66.14%; H 3.96%; N 11.02%; O 18.88%

Physical Description: Green brown cryst. (EtOH aq.)

Melting Point: Mp 255-256° (dec.)

>>Derivative: Me ether

Synonym(s): 1,4-Diamino-2-methoxyanthraquinone

CAS Registry Number: 2872-48-2

Molecular Formula: C₁₅H₁₂N₂O₃

Molecular Weight: 268.271

Accurate Mass: 268.084793

Percentage Composition: C 67.16%; H 4.51%; N 10.44%; O 17.89%

Physical Description: Violet-black needles (toluene)

Melting Point: Mp 235°

References:

Naiki, K., *Yuki Gosei Kagaku Kyokaishi*, 1954, **12**, 401-405; *CA*, 1957, **51**, 722b, (*synth, deriv*)

Lobhart, H., *Helv. Chim. Acta*, 1957, **40**, 1410-1416, (*Me ether, uv*)