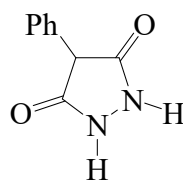




>>Entry Name: 4-Phenyl-3,5-pyrazolidinedione, 9CI



Molecular Formula: C₉H₈N₂O₂

Molecular Weight: 176.174

Accurate Mass: 176.058578

Percentage Composition: C 61.36%; H 4.58%; N 15.90%; O 18.16%

>>Variant: (±)-form

Molecular Formula: C₉H₈N₂O₂

Molecular Weight: 176.174

Accurate Mass: 176.058578

Percentage Composition: C 61.36%; H 4.58%; N 15.90%; O 18.16%

>>Derivative: N¹-Ph

Synonym(s): 1,4-Diphenyl-3,5-pyrazolidinedione, 9CI. **Phenopyrazone**

CAS Registry Number: 3426-01-5

Molecular Formula: C₁₅H₁₂N₂O₂

Molecular Weight: 252.272

Accurate Mass: 252.089878

Percentage Composition: C 71.42%; H 4.79%; N 11.10%; O 12.68%

Biological Use/Importance: Analgesic, antipyretic agent

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 233-234°

References:

Haas, H. *et al.*, *Arzneim.-Forsch.*, 1954, **4**, 249-257, (*Phenopyrazone, pharmacol*)

U.K. Pat., 1955, *Knoll*, 732 820; *CA*, **50**, 5764i, (*Phenopyrazone, synth*)