

## Rexar Technical Compound Datasheet

**Product Name:** 7,8-Dihydroxyflavone  
**Chemical Name:** 7,8-Dihydroxyflavone  
**CAS Number:** 38183-03-8  
**PubChem CID:** 1880

### Synonyms:

- 7,8-DHF
  - 7,8-Dihydroxy-2-phenylchromen-4-one
  - Tropoflavin
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### Chemical Information

- Molecular Formula: C<sub>15</sub>H<sub>10</sub>O<sub>4</sub>
  - Molecular Weight: 254.24 g/mol
  - IUPAC Name: 7,8-dihydroxy-2-phenylchromen-4-one
  - SMILES: C1=CC=C(C=C1)C2=CC(=O)C3=C(O)C(O)=CC=C3O2
  - InChIKey: KZJWDPNRJALLNS-UHFFFAOYSA-N
  - Appearance: Yellow to pale yellow powder
  - Solubility: Soluble in organic solvents such as DMSO
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### Applications

- Analytical reference for flavonoid-based compounds
  - Method development and comparative studies
  - Compound profiling and structural verification in non-biological settings
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### Storage & Handling

- Storage Temperature: 15–25 °C
  - Environment: Dry, cool, and protected from light
  - Handling: Use standard laboratory safety protocols
  - Packaging: Supplied in sealed laboratory containers
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### Additional Notes

- Provided without functional or biological claims
- Intended exclusively for analytical, chemical, and technical applications
- For structure and reference data, see: PubChem CID 1880