

## Rexar Technical Compound Datasheet

Product Name: 4-DMA-7,8-DHF

Chemical Name: 2-(4-(dimethylamino)phenyl)-7,8-dihydroxy-4H-chromen-4-one

CAS Number: 1205548-04-4

PubChem CID: 44610701

### Synonyms:

- Eutropoflavin
- 4'-Dimethylamino-7,8-Dihydroxyflavone
- 2-(4-(dimethylamino)phenyl)-7,8-dihydroxy-4H-chromen-4-one

### Chemical Information

- Molecular Formula: C<sub>17</sub>H<sub>15</sub>NO<sub>4</sub>
- Molecular Weight: 297.31 g/mol
- IUPAC Name: 2-(4-dimethylaminophenyl)-7,8-dihydroxychromen-4-one
- SMILES: CN(C)C1=CC=C(C=C1)C2=CC(=O)C3=C(O)C(=C(C=C3)O)O
- InChIKey: PWQOUQGMVVGXEE-UHFFFAOYSA-N
- Appearance: Yellow to light orange crystalline powder
- Solubility: Limited solubility in water; soluble in organic solvents such as DMSO and ethanol

### Applications

- Analytical reference for flavone-derived research compounds
- Method development and comparative studies
- Compound profiling and material characterization in non-biological settings

### Storage & Handling

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

### Additional Notes

- Provided without functional or biological claims
- Intended exclusively for analytical, chemical, and technical applications
- For structure and spectral data, see: <https://pubchem.ncbi.nlm.nih.gov/compound/44610701>