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## Typical Product Specifications & Properties

# Daidzein

CAS Number: : 486-66-8

| Specifications               | Limits  |
|------------------------------|---|
| Molecular weight             | 254.24  |
| EINECS                       | 207-635-4   |
| SMILES                       | <chem>Oc1ccc2c(=O)c(c3ccc(O)cc3)coc2c1</chem>                                     |
| InChI                        | ZQSIJRDFPHDXIC-UHFFFAOYSA-N   |
| InChIKey                     | 1S/C15H10O4/c16-10-3-1-9(2-4-10)13-8-19-14-7-11(17)5-6-12(14)15(13)18/h1-8,16-17H |
| Melting Point                | 323 dec &deg; C   |
| log P (octanol-water)        | 2.550   |
| Atmospheric OH Rate Constant | 2.31E-10 cm <sup>3</sup> /molecule-sec  |
| Melting Point                | 315-323&deg;C (dec.)  |
| Water solubility             | insoluble   |
| Merck                        | 2801  |
| Storage Temperature          | 2-8&deg;C   |



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|                |                |
|----------------|----------------|
| Specifications | Limits         |
| Solubility     | DMSO: 10 mg/mL |



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