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Product Specifications

| | |
|--------------------------|---|
| Catalogue Number | 42411 |
| Product | (-)-Epigallocatechin (-)- <i>cis</i> -3,3',4',5,5',7-Hexahydroxyflavane (-)- <i>cis</i> -2-(3,4,5-Trihydroxyphenyl)-3,4-dihydro-1(2H)- |
| CAS Number | 970-74-1 |
| Molecular Formula | C ₁₅ H ₁₄ O ₇ |
| Molecular Weight | 306.27 |

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|-------------------------------|---|
| Warnings | <i>Heat sensitive!</i> |
| Appearance | White, orange or green crystalline powder |
| Melting Point | 210 °C (dec.) |
| Optical Rotation | $\alpha_{D}^{20} = -51$ to -48° (C=0.5 in Acetone) |
| Infrared Spectrum | Conforms to structure |
| Purity by GC | $\geq 98\%$ |
| Storage | Store at 2 - 8 °C |
| Additional Information | $\lambda_{\max} = 278$ (MeOH) nm |

For Laboratory Use Only