

Product Specification

产品类型 / **Product Type:** 分析对照品 / Reference Standards

产品编号 / **Cat Number:** SE8100

产品名称 / **Product Name:** 表儿茶素

英文名称 / **English Name:** Epicatechin

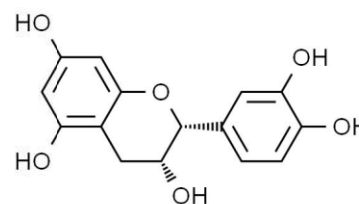
别名 / **Also Known As:** (-)-表儿茶素; 表儿茶精; EC

CAS Number: 490-46-0

分子式 / **Molecular Formula:** C₁₅H₁₄O₆

分子量 / **Molecular Wt.:** 290.27

保存 / **Storage:** 2-8℃, 密封, 避光



项目 / Test:	检测指标 / Specification
外观 / Appearance:	白色至类白色粉末 / White to off-white Powder
纯度 / Purity:	HPLC≥98%
溶解性 / Solubility:	≥5mg/mL in Ethanol
干燥失重 / Loss on drying:	≤2.0%
复检期 / Recommended Retest Period:	Powder : 2 Years / In solvent : 1 Month

相关文献 / **References:**

- [1] Gong Z, Gu G, Wang Y, Dong S, Tan K, Nieh JC. Floral tea polyphenols can improve honey bee memory retention and olfactory sensitivity. *J Insect Physiol.* 2021, 1(128). (IF 2.246)
- [2] Liang D, Deng H, Deng Q et al. Dynamic Changes of Phenolic Compounds and Their Associated Gene Expression Profiles Occurring during Fruit Development and Ripening of the Donghong Kiwifruit. *J Agric Food Chem.* 2020 68(41):11421-11433. (IF 3.571)
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