

Product Specification

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

产品编号 / **Cat Number:** ST8180

产品名称 / **Product Name:** 可可碱

英文名称 / **English Name:** Theobromine

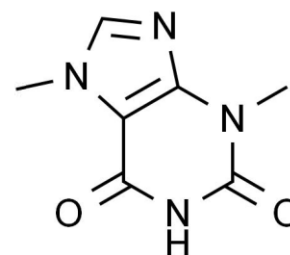
别名 / **Also Known As:** 3,7-二甲基黄嘌呤; 可可豆碱

CAS Number: 83-67-0

分子式 / **Molecular Formula:** C₇H₈N₄O₂

分子量 / **Molecular Wt.:** 180.16

保存 / **Storage:** RT, 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:	≥ 10 mg/mL in 0.5 M NaOH
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] Cheng L, Yang Q, Chen Z, et al. Distinct Changes of Metabolic Profile and Sensory Quality during Qingzhuang Tea Processing Revealed by LC-MS-Based Metabolomics[J]. 2020.

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