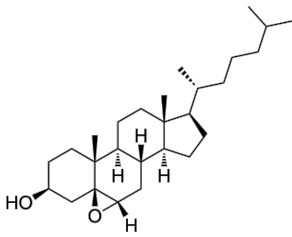


Cholesterol 5beta,6beta-epoxide

货号: **AYB27704**



产品信息

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|------|---|
| 生物活性 | <p>Cholesterol 5beta,6beta-epoxide is an oxidative metabolite of cholesterol formed by free-radical and non-radical oxidation of cholesterol at the 5,6 double bond. [1] [2] Induces lactate dehydrogenase (LDH) release and apoptosis in macrophage-differentiated U937 cells. [3] 5β,6β-epoxycholestanol has been found in human fatty streaks and advanced atherosclerotic lesions, but not in normal aortic tissue. [4] References: [1]. Pulfer, MK, and Murphy, RC Formation of bioactive oxygen sterols during ozonolysis of cholesterol present in lung surfactants. <i>Journal of Biochemistry</i> 279(25), 26331-26338 (2004). [2]. Aringer, L. and Eneroth, P. In vitro formation and metabolism of cholesterol and β-sitosterol 5,6-epoxides. <i>J. Lipid Research</i>. 15(4), 389-398 (1974).[3]. Lordan, S., O'Brien, NM, and Mackrill, JJ Calcium in 7β-hydroxycholesterol and cholesterol-5β,6β-epoxide-induced apoptosis. <i>J. Biochemistry</i>. Moore. <i>poison</i>. 23(5), 324-332 (2009).[4]. Garcia-Cruset, S., Carpenter, KL, Guardiola, F. et al. Oxysterol profiles of normal human arteries, fatty streaks, and advanced lesions. <i>free radicals. reservoir</i>. 35(1), 31-41 (2001).</p> |
| CAS | 4025-59-6 |
| 中文名称 | 5B,6B-环氧胆固醇 |
| 分子量 | 402.65 |
| 体外研究 | |
| 体内研究 | |
| 形式 | |
| 运输条件 | Room temperature in continental US; may vary elsewhere. |
| 保存条件 | Please store the product under the recommended conditions in the Certificate of Analysis. |
| 溶解性 | |
| 纯度 | |