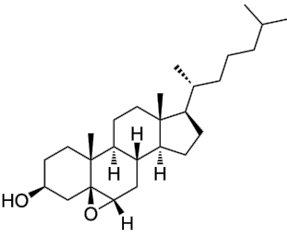


Cholesterol 5beta,6beta-epoxide

货号: B27704



产品信息

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. Journal of Biochemistry 279(25), 26331-26338 (2004). [2]. Aringer, L. and Eneroth, P. In vitro formation and metabolism of cholesterol and β-sitosterol 5,6-epoxides. J. Lipid Research. 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. J. Biochemistry. Moore. poison. 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. free radicals. reservoir. 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	