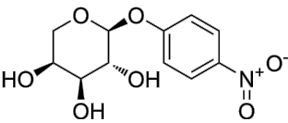


p-Nitrophenyl α-L-arabinopyranoside

货号: B27017



产品信息

生物活性	p-Nitrophenyl α-L-arabinopyranoside is a biochemical reagent. p-Nitrophenyl α-L-arabinopyranoside can be hydrolyzed by recombinant BgaA (rBgaA, isolated from E. coli BL21 (DE3) strain harboring pEBGA29). p-Nitrophenyl α-L-arabinopyranoside has potential application in enzyme activity detection.
CAS	1223-07-0
中文名称	4-硝基苯基α-L-吡喃阿拉伯糖苷
分子量	271.22
体外研究	p-Nitrophenyl α-L-arabinopyranoside 与 rBgaA 的亲和力 K_m 值为 6.06 mM。 p-Nitrophenyl α-L-arabinopyranoside 对 xylosidase-arabinosidase (<i>xarB</i>) 基因具有高活性。 p-Nitrophenyl α-L-arabinopyranoside 在酶活性检测中的应用 (1) 200 μL 2 mM p-Nitrophenyl α-L-arabinopyranoside、100 μL 酶、300 μL 50 mM 磷酸盐缓冲液 (pH 7.0), 在 37°C 下共孵育 0.5、1 和 5 h。 (2) 加入 400 μL 0.5 M 氢氧化钠, 终止反应。 (3) 在 405 nm 处测量混合物的吸光度。 注: 在人参皂苷存在的情况下, 用丁醇萃取终止反应。 The accuracy of these methods have not been independently confirmed. They are for reference only.
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	