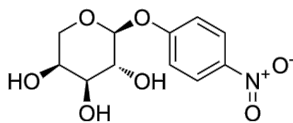


# p-Nitrophenyl $\alpha$ -L-arabinopyranoside

货号: **AYB27017**



## 产品信息

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