

# D-Luciferin

产品名称	D-Luciferin
公司名称	北京生科宇晟科技有限公司
价格	1000.00/100mg
规格参数	品牌:Goldbio 型号:LUCK
公司地址	北京市海淀区清河安宁里小区一号楼北平房14号
联系电话	010-62913373

## 产品详情

厂家：Goldbio

产品名称：D荧光素钾盐D-Luciferin, Potassium Salt

产品CAS号码：115144-35-9

厂家货号：LUCK

规格报价：100mg ¥1000 250mg ¥1428 500mg ¥2148 1g ¥4000

2g ¥6180

产品描述：本产品仅供科学研究使用

Tested and Certified for in vivo imaging(See "Luciferin FAQ" in additional information) Luciferin is a common bioluminescent reporter used for in vivo imaging of the expression of luciferase. This water soluble substrate for the Firefly luciferase enzyme utilizes ATP and Mg<sup>2+</sup> as co-factors to emit a characteristic yellow-green emission in the presence of oxygen, which shifts to red light in vivo at 37 ° C. Through the utilization of ATP, the reaction can be further used to indicate the presence of energy or life in order to function as a life-death stain. Luciferin is a common reagent used throughout the Biotechnology field and specifically for in vivo imaging. Luciferase labeled tumor cells, stem cells, or infectious diseases are often inoculated into research animals such as rats or mice for investigation. The injection of Luciferin allows for the real-time, non-invasive monitoring of disease progression and/or drug efficacy in these model systems through Bioluminescence Imaging (BLI). Luciferin is also commonly used for in vitro research; including luciferase and ATP assays, gene reporter assays, high throughput sequencing and various contamination assays. Firefly Luciferin is identical to Beetle Luciferin.(See "Additional Information" for structures.)  
Product Specifications: D-Luciferin, Potassium Salt  
4,5-Dihydro-2-(6-hydroxy-2-benzothiazolyl)-4-thiazolecarboxylic acid potassium salt

MOLECULAR BIOLOGY GRADE (Premium Pure) Formula:  $\text{KC}_{11}\text{H}_7\text{N}_2\text{O}_3\text{S}_2$  MW: 318.42 g/mol  
Color: Light yellow powder  
Purity: >99% pure. (Quality verified by nine independent criteria including HPLC and FTIR.  
) Storage/Handling: Store desiccated at  $-20^\circ\text{C}$ . Protect from light.  
PubChem Chemical ID: 44134804

您如有需要产品联系我公司销售010-57240868，手机：13126668228，QQ：523267088！或

者发送邮箱：sale@hinbio.com