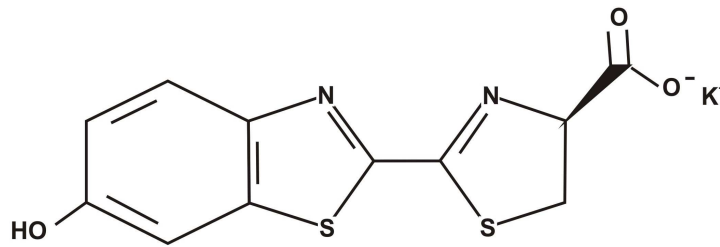


# Data Sheet

**D-Luciferin potassium salt 102141; 102142; 102143**

## D-Luciferin potassium salt

|        |       |
|--------|-------|
| 102141 | 100mg |
| 102142 | 500mg |
| 102143 | 1g    |



Chemical name:

D-(-)-2-(6'-hydroxy-2'-benzothiazolyl)-delta-2-thiazolene-4-carboxylic acid, potassium salt

CAS NO: 115144-35-9

MW 318.42

Stocking temp. -20°C, dark and dry

Vacuum dried, packed under argon

Only for laboratory use as material for reagents

Chemical purity: >99% by HPLC

Biochemical performance: 100mg/ml >98% +/- 0,8  
Free ATP: not detectable

Optical purity: >99% by HPLC

Specifications:

- Formular:  $C_{11}H_7KN_2O_3S_2$
- Appearance: yellowish powder
- Water content: <0,05%
- Water content: <0,05%
- ATP, nucleases and proteases not detectable
- Optical purity: >99% by HPLC
- Chemical purity: >99% by HPLC
- Biochem. Perform. >98,5% +/- 1.2 with ATP/Luciferase

PJK GmbH

Elsaesserstr. 51 - 66271 Kleinblittersdorf - Germany

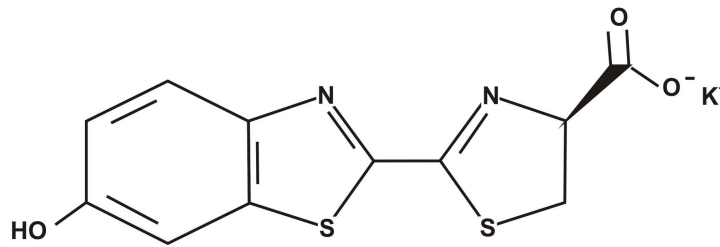
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