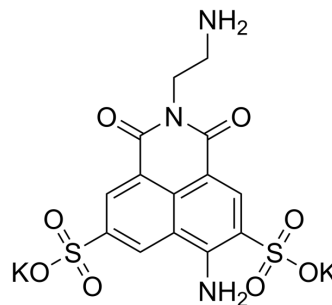


## Lucifer yellow ethylenediamine

<b>Cat. No.:</b>	HY-D1757
<b>CAS No.:</b>	161578-11-6
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>11</sub> K <sub>2</sub> N <sub>3</sub> O <sub>8</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	491.58
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Lucifer yellow ethylenediamine (LYen; PAsp- LY) is a polar tracer that can be coupled with aldehydes and ketones to form Schiff bases, which can be reduced to stable amine derivatives by sodium borohydride (NaBH<sub>4</sub>) or sodium cyanide borohydride (NaCNH<sub>3</sub>).

**Caution: Product has not been fully validated for medical applications. For research use only.**

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