

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@hellobio.com



## DATASHEET

Z-Leu-Arg-Gly-Gly-AMC

### Product overview

|                    |                                                                                        |
|--------------------|----------------------------------------------------------------------------------------|
| <b>Name</b>        | Z-Leu-Arg-Gly-Gly-AMC                                                                  |
| <b>Cat No</b>      | HB4131                                                                                 |
| <b>Purity</b>      | >95%                                                                                   |
| <b>Description</b> | Fluorogenic tetrapeptide substrate for Ubiquitin C-terminal hydrolase and isopeptidase |

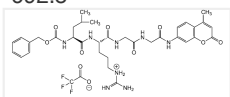
### Biological Data

|                               |                                                                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Biological description</b> | Fluorogenic tetrapeptide substrate for ubiquitin C-terminal hydrolases (UCHs, e. g. UCHL3) and isopeptidase T. LRGG is the preferred substrate sequence of the human deSUMOylating enzymes SENP6 and SENP7. Excitation: 380nm. Emission: 460nm. |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Solubility & Handling

|                             |                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage instructions</b> | +4 °C                                                                                                                         |
| <b>Important</b>            | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

### Chemical Data

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| <b>Molecular Weight</b>   | 692.8                                                                               |
| <b>Chemical structure</b> |  |
| <b>CAS Number</b>         | 167698-68-2                                                                         |
| <b>InChiKey</b>           | OHFBLWHOBIRDAB-CCQZPNASA-N                                                          |
| <b>Appearance</b>         | Solid lyophilized powder                                                            |