

## (+)-Intermedine Biochemical

(+)-Intermedine

CATALOG #  
**AAA227426**

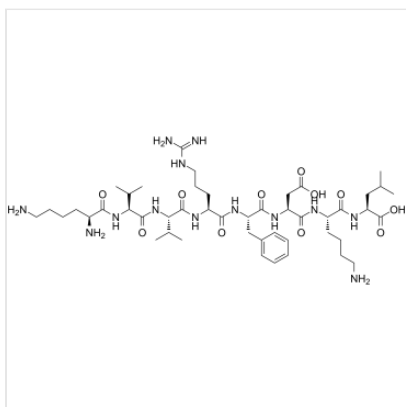
### PRODUCT SYNONYMS

(+)-Intermedine; (+)-Intermedine biochemical

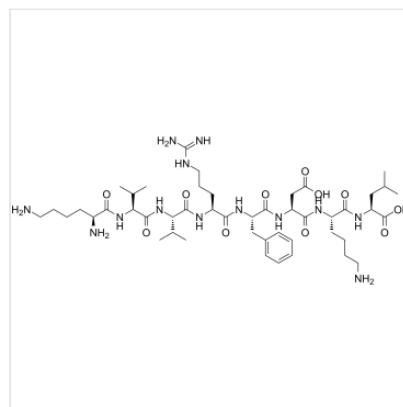
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CAS                     | 10285-06-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| In vitro                | (+)-Intermedine (1.1-30 uM; 24 hours) exhibits significant cytotoxicity at 30 uM and reduces cell viability in a concentration dependent manner in neural progenitor cells (NPCs)[1]. (+)-Intermedine shows no differentiation impairment[1]. Cell Cytotoxicity Assay[1]Cell Line: Neural progenitor cells (NPCs) Concentration: 1.1, 3.3, 10, 30 uM Incubation Time: 24 hours. Result: Exhibited significant cytotoxicity at 30 uM and reduced cell viability in a concentration dependent manner. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                                                                                                                                                                                                                                            |

### IMAGES



**Structure**  
OVA (55-62), CAS 151992-56-2



**Structure**  
OVA (55-62), CAS 151992-56-2

### ADDITIONAL INFORMATION

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|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for (+)-Intermedine biochemical | (+)-Intermedine, a pyrrolizidine alkaloid (PA), exhibits significant cytotoxicity in neural progenitor cells (NPCs).                                       |
| References                                                  | 1. G B Lipford, et al.Primary in vivo responses to ovalbumin. Probing the predictive value of the Kb binding motif. J Immunol. 1993 Feb 15;150(4):1212-22. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

